Client: SCS Tracer Environmental Work Order: 1007137

Project: Hunters Point Parcel B IR07/18; Source 24210032.00

Lab ID: 1007137-10A **Collection Date:** 6/24/2010

Client Sample ID: 8259572 Matrix: AIR

Analyses	Result	Qual	Report Limit	Ur	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 7/9/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	7/9/2010 06:14 AM
Chromium	ND			25	µg/sample	1	7/9/2010 06:14 AM
Lead	ND			25	µg/sample	1	7/9/2010 06:14 AM
Manganese	ND			25	µg/sample	1	7/9/2010 06:14 AM

Lab ID: 1007137-11A **Collection Date:** 6/24/2010

Client Sample ID: 8259573 Matrix: AIR

Analyses	Result	Qual	Report Limit	Ur	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 7/9/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	7/9/2010 06:20 AM
Chromium	ND			25	µg/sample	1	7/9/2010 06:20 AM
Lead	ND			25	µg/sample	1	7/9/2010 06:20 AM
Manganese	ND			25	µg/sample	1	7/9/2010 06:20 AM

Lab ID: 1007137-12A **Collection Date:** 6/24/2010

Client Sample ID: 8259574 Matrix: AIR

Analyses	Result	Qual	Report Limit	Un	uits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 7/9/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	7/9/2010 06:26 AM
Chromium	ND			25	µg/sample	1	7/9/2010 06:26 AM
Lead	ND			25	µg/sample	1	7/9/2010 06:26 AM
Manganese	ND			25	µg/sample	1	7/9/2010 06:26 AM

Note:

Date: 13-Jul-10

Date: 13-Jul-10

QC BATCH REPORT

Client: SCS Tracer Environmental

Work Order: 1007137

Project: Hunters Point Parcel B IR07/18; Source 24210032.

Batch ID: 23	29	Instrument ID I	СРЗ		Metho	d: E12						
MBLK	Sample ID:	mblk-2329-2329					Units: µg	/sample	Analys	sis Date: 7	7/9/2010 04	1:35 AN
Client ID:			Run	ID: ICP3_1	00709H		SeqNo: 12	3305	Prep Date: 7/9	/2010	DF: 1	
						SPK Ref		Control	RPD Ref		RPD	
Analyte			Result	PQL	SPK Val	Value	%REC	Limit	Value	%RPD	Limit	Qua
Arsenic			0.36	25								J
Chromium			3.33	25								J
Lead			1.71	25								J
Manganese			0.855	25								J
LCS	Sample ID:	lcs-2329-2329					Units: µg	/sample	Analys	sis Date: 7	7/9/2010 04	1:41 AN
Client ID:			Run	ID: ICP3_1	00709H		SeqNo: 12	3306	Prep Date: 7/9	/2010	DF: 1	
Analita			Dooult	DOL	CDI/ V/al	SPK Ref Value	%REC	Control	RPD Ref Value	%RPD	RPD Limit	Qua
Analyte			Result	PQL	SPK Val			<u>'</u>		70KPD		Qua
Arsenic			432	5.0	450		0 96	75-125				
Chromium			415.4	25	450		0 92.3	75-125				
Lead			434.1	25	450		0 96.5	75-125				
Manganese			408	25	450		0 90.7	75-125	()		
MS	Sample ID:	1007137-01A ms					Units: µg	/sample	Analys	sis Date: 7	7/9/2010 0	5:04 AN
Client ID: 82	59563		Run	ID: ICP3_1	00709H		SeqNo: 12	3308	Prep Date: 7/9	/2010	DF: 1	
Analyta						SPK Ref		Control	RPD Ref		RPD	
Arialyte			Result	PQL	SPK Val	Value	%REC	Limit	Value	%RPD	Limit	Qua
•			Result 398.1	PQL 5.0	SPK Val			Limit			Limit	Qua
Arsenic Chromium						Value	9 88.3	Limit	Value)	Limit	Qua
Arsenic Chromium			398.1	5.0	450	Value 0.	9 88.3 5 84.2	75-125	Value ())	Limit	Qua
Arsenic Chromium Lead			398.1 382.8	5.0 25	450 450	Value 0. 3.73	9 88.3 5 84.2 9 86.9	,	Value ()))	Limit	Qua
Arsenic Chromium Lead Manganese	Sample ID:	1007137-01A ms	398.1 382.8 396.6 386.9	5.0 25 25	450 450 450	Value 0. 3.73	9 88.3 5 84.2 9 86.9	75-125 75-125	Value (()))	Limit	Qua
Arsenic	•	1007137-01A ms	398.1 382.8 396.6 386.9	5.0 25 25	450 450 450 450	Value 0. 3.73: 5.4: 12.6:	9 88.3 5 84.2 9 86.9 9 83.2	75-125 75-125 /sample	Value ((o))) ois Date: 7		
Arsenic Chromium Lead Manganese MSD Client ID: 82	•	1007137-01A ms	398.1 382.8 396.6 386.9	5.0 25 25 25 25	450 450 450 450	Value 0. 3.73: 5.4: 12.6:	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg	75-125 75-125 /sample 3309	Value ((((Analys	o))) ois Date: 7	7/9/2010 0	5:10 Al
Arsenic Chromium Lead Manganese MSD Client ID: 82 Analyte	•	1007137-01A ms	398.1 382.8 396.6 386.9 d Run	5.0 25 25 25 25 ID: ICP3_1	450 450 450 450 00709H	0. 3.73 5.4 12.6	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg SeqNo: 12 :	75-125 75-125 /sample 3309	Value () () () () () () () () () () () () ())))) sis Date: 7 /2010	7/9/2010 09 DF: 1 RPD Limit	5:10 AN
Arsenic Chromium Lead Manganese MSD Client ID: 82 Analyte Arsenic	•	1007137-01A ms	398.1 382.8 396.6 386.9 d Run Result	5.0 25 25 25 25 ID: ICP3_1 PQL 5.0	450 450 450 450 450 00709H SPK Val	Value 0. 3.73: 5.4: 12.6: SPK Ref Value 0.	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg SeqNo: 12: %REC	75-125 75-125 /sample 3309	Value () () () () () () () () () () () () ());;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	7/9/2010 09 DF: 1 RPD Limit	
Arsenic Chromium Lead Manganese MSD Client ID: 82 Analyte Arsenic Chromium	•	1007137-01A ms	398.1 382.8 396.6 386.9 d Run Result 395.4 377.1	5.0 25 25 25 ID: ICP3_1 PQL 5.0 25	450 450 450 450 00709H SPK Val 450 450	Value 0. 3.73: 5.4: 12.6: SPK Ref Value 0. 3.73:	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg SeqNo: 12: %REC 9 87.7 5 83	75-125 75-125 /sample 3309 Control Limit	Value (((((((((((((((((((%RPD 0.669	7/9/2010 09 DF: 1 RPD Limit	5:10 Al
Arsenic Chromium Lead Manganese MSD Client ID: 82 Analyte Arsenic Chromium Lead	•	1007137-01A ms	398.1 382.8 396.6 386.9 d Run Result 395.4 377.1 396.3	5.0 25 25 25 ID: ICP3_1 PQL 5.0 25 25	450 450 450 450 00709H SPK Val 450 450	Value 0. 3.73 5.4 12.6 SPK Ref Value 0. 3.73 5.4	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg SeqNo: 12: %REC 9 87.7 5 83 9 86.8	75-125 75-125 /sample 3309 Control Limit	Value Comparison of the compa	%RPD 0.668	7/9/2010 09 DF: 1 RPD Limit	5:10 AI
Chromium Lead Manganese MSD Client ID: 82 Analyte Arsenic Chromium Lead Manganese	59563		398.1 382.8 396.6 386.9 d Run Result 395.4 377.1 396.3 383.2	5.0 25 25 25 ID: ICP3_1 PQL 5.0 25 25	450 450 450 450 00709H SPK Val 450 450 450 450	Value 0. 3.73: 5.4: 12.6: SPK Ref Value 0. 3.73: 5.4: 12.6:	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg SeqNo: 12: %REC 9 87.7 5 83 9 86.8 9 82.3	75-125 75-125 /sample 3309 Control Limit 75-125 75-125	Value (((((((((((((((((((%RPD 0.668	7/9/2010 09 DF: 1 RPD Limit	5:10 AN
Arsenic Chromium Lead Manganese MSD Client ID: 82 Analyte Arsenic Chromium Lead Manganese	59563	1007137-01A ms	398.1 382.8 396.6 386.9 d Run Result 395.4 377.1 396.3 383.2	5.0 25 25 25 ID: ICP3_1 PQL 5.0 25 25 25	450 450 450 450 00709H SPK Val 450 450 450 007137-01A	Value 0. 3.73: 5.4: 12.6: SPK Ref Value 0. 3.73: 5.4: 12.6: 100	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg SeqNo: 12: %REC 9 87.7 5 83 9 86.8 9 82.3	75-125 75-125 /sample 3309 Control Limit 75-125 75-125	Value (((((((((((((((((((%RPD 0.668	7/9/2010 09 DF: 1 RPD Limit	5:10 AN
Arsenic Chromium Lead Manganese MSD Client ID: 82 Analyte Arsenic Chromium Lead Manganese	59563		398.1 382.8 396.6 386.9 d Run Result 395.4 377.1 396.3 383.2	5.0 25 25 25 ID: ICP3_1 PQL 5.0 25 25 25	450 450 450 450 00709H SPK Val 450 450 450 450	Value 0. 3.73: 5.4: 12.6: SPK Ref Value 0. 3.73: 5.4: 12.6: 100: 100:	9 88.3 5 84.2 9 86.9 9 83.2 Units: µg SeqNo: 12: %REC 9 87.7 5 83 9 86.8 9 82.3	75-125 75-125 /sample 3309 Control Limit 75-125 75-125	Value (((((((((((((((((((%RPD 0.668	7/9/2010 09 DF: 1 RPD Limit	5:10 AN

Date: 13-Jul-10

Client: SCS Tracer Environmental

QUALIFIERS, Hunters Point Parcel B IR07/18; Source 24210032.00 **Project:** ACRONYMS, UNITS

WorkOrder: 1007137

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
	•
MSD	Matrix Spike Duplicate
MSD PDS	•
	Matrix Spike Duplicate
PDS	Matrix Spike Duplicate Post Digestion Spike

Units Reported Description

 $\mu g/sample$

QF Page 1 of 1

Sample Receipt Checklist

Client Name:	SCST	RACER-SANMARC	<u>os</u>			Date/Time F	Received:	09-Jul-10	11:09		
Work Order:	<u>10071</u>	<u>37</u>				Received by	r:	<u>SJW</u>			
Checklist compl	leted by	K rystan K r	ailler	09-Jul-10 Date	_	Reviewed by:	J an Wil	C0X		(09-Jul-10 Date
Matrices: Carrier name:	<u>UPS</u>	i									
Shipping contain	ner/cool	er in good condition?		Yes	✓	No 🗆	Not Prese	ent 🗆			
Custody seals in	ntact on	shipping container/co	oler?	Yes		No \square	Not Prese	ent 🗸			
Custody seals in	ntact on	sample bottles?		Yes		No \square	Not Prese	ent 🗸			
Chain of custod	dy prese	nt?		Yes	✓	No 🗆					
Chain of custod	dy signed	d when relinquished a	nd received?	Yes	V	No 🗆					
Chain of custod	dy agree	s with sample labels?		Yes	✓	No \square					
Samples in prop	per cont	ainer/bottle?		Yes	✓	No 🗆					
Sample contain	ers inta	ct?		Yes	✓	No 🗆					
Sufficient samp	ole volum	ne for indicated test?		Yes	V	No 🗌					
All samples reco	eived wi	thin holding time?		Yes	~	No 🗆					
Container/Temp	o Blank t	temperature in complia	ance?	Yes	✓	No 🗆					
Temperature(s)	/Thermo	ometer(s):									
Cooler(s)/Kit(s):	:										
Water - VOA via	als have	zero headspace?		Yes		No 🔳	No VOA vials	submitted			
Water - pH acco	eptable	upon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:	:			Yes		No 🔳	N/A				
Login Notes:	<u>Vo</u>	olumes not provided.									
										- — — –	_ — — –
Client Contacted	d:		Date Contacted	:		Person	Contacted:				
Contacted By:			Regarding:								
Comments:											
CorrectiveAction	n:]		
									CI	OC Doc	0 1 of 1

SRC Page 1 of 1

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

20-Jul-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: Hunter's Point "Parcel B"; Source #: 24210032.00 Work Order: 1007284

Dear Jim,

ALS Group USA, Corp received 12 samples on 15-Jul-2010 11:56 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is ZZ.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Chris Gibson

Chris Gibson Project Manager

A LS Group USA, Corp

Part of the A LS Laboratory Group

4388 Glendale Milford Rd Cincinnati, Ohio 45242-

Phone: (513) 733-5336 Fax: (513) 733-5347

www.alsglobal.com

A Campbell Brothers Limited Company

Date: 20-Jul-10

Client: SCS Tracer Environmental

Project: Hunter's Point "Parcel B"; Source #: 24210032.00

Work Order: 1007284

Work Order Sample Summary

Lab Samp ID	Client Sample ID	<u>Matrix</u>	Tag Number	Collection Date	Date Received	<u>Hold</u>
1007284-01	8259575	Air		6/28/2010	7/15/2010 11:56	
1007284-02	8259576	Air		6/28/2010	7/15/2010 11:56	
1007284-03	8259577	Air		6/28/2010	7/15/2010 11:56	
1007284-04	8259578	Air		6/30/2010	7/15/2010 11:56	
1007284-05	8259579	Air		6/30/2010	7/15/2010 11:56	
1007284-06	8259580	Air		6/29/2010	7/15/2010 11:56	
1007284-07	8259581	Air		6/29/2010	7/15/2010 11:56	
1007284-08	8259582	Air		6/29/2010	7/15/2010 11:56	
1007284-09	8259583	Air		7/1/2010	7/15/2010 11:56	
1007284-10	8259584	Air		7/1/2010	7/15/2010 11:56	
1007284-11	8259585	Air		7/1/2010	7/15/2010 11:56	
1007284-12	8259599	Air		6/30/2010	7/15/2010 11:56	

Date: 20-Jul-10

Client: SCS Tracer Environmental

Project: Hunter's Point "Parcel B"; Source #: 24210032.00 Case Narrative

Work Order: 1007284

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental Work Order: 1007284

Project: Hunter's Point "Parcel B"; Source #: 24210032.00

Lab ID: 1007284-01A **Collection Date:** 6/28/2010

Client Sample ID: 8259575 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:06		Reporting Limit		
	μg/sample	μg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	27	25		

 Lab ID:
 1007284-02A
 Collection Date: 6/28/2010

 Client Sample ID:
 8259576
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:11		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	31	25		

 Lab ID:
 1007284-03A
 Collection Date: 6/28/2010

 Client Sample ID:
 8259577
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:17		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	ND	25		

Note:

Client: SCS Tracer Environmental Work Order: 1007284

Project: Hunter's Point "Parcel B"; Source #: 24210032.00

Lab ID: 1007284-04A **Collection Date:** 6/30/2010

Client Sample ID: 8259578 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:23		Reporting Limit		
	µg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	ND	25		

 Lab ID:
 1007284-05A
 Collection Date: 6/30/2010

 Client Sample ID:
 8259579
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:29		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	32	25		

 Lab ID:
 1007284-06A
 Collection Date: 6/29/2010

 Client Sample ID:
 8259580
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:46		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	33	25		

Note:

Client: SCS Tracer Environmental Work Order: 1007284

Project: Hunter's Point "Parcel B"; Source #: 24210032.00

Lab ID: 1007284-07A **Collection Date:** 6/29/2010

Client Sample ID: 8259581 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:52		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	48	25		

 Lab ID:
 1007284-08A
 Collection Date: 6/29/2010

 Client Sample ID:
 8259582
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 12:58		Reporting Limit		
	µg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	ND	25		

 Lab ID:
 1007284-09A
 Collection Date: 7/1/2010

 Client Sample ID:
 8259583
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 01:04		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	ND	25		

Note:

Client: SCS Tracer Environmental Work Order: 1007284

Project: Hunter's Point "Parcel B"; Source #: 24210032.00

 Lab ID:
 1007284-10A
 Collection Date: 7/1/2010

 Client Sample ID:
 8259584
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 01:09		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	28	25		

 Lab ID:
 1007284-11A
 Collection Date: 7/1/2010

 Client Sample ID:
 8259585
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 01:15		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	40	25		

 Lab ID:
 1007284-12A
 Collection Date: 6/30/2010

 Client Sample ID:
 8259599
 Matrix: AIR

Analyses

METALS BY EPA METHOD 12 MOD.		Method: E12	Air Volume (L): 0	Analyst: CEG
Date Analyzed: 7/19/2010 01:21		Reporting Limit		
	μg/sample	µg/sample		
Arsenic	ND	25		
Chromium	ND	25		
Lead	ND	25		
Manganese	58	25		

Note:

Date: 20-Jul-10

Client: SCS Tracer Environmental

Work Order: 1007284

Project: Hunter's Point "Parcel B"; Source #: 24210032.00

QC BATCH REPORT

Batch ID: 23	79	Instrument ID IC	CP2		Method	d: E12							
MBLK	Sample ID:	MBLk-2379-2379					U	nits: µg/s	ample	Anal	ysis Date:	7/16/2010	01:34 AN
Client ID:			Run I	D: ICP2_1 0	00716C		Sec	7No: 125	153	Prep Date: 7	/16/2010	DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			ND	5.0									
Chromium			7.875	25									J
Lead			ND	25									
Manganese			0.54	25									J
LCS	Sample ID:	LCS-2379-2379					U	nits: µg/s	ample	Anal	ysis Date:	7/16/2010	01:41 AN
Client ID:			Run I	D: ICP2_1 0	00716C		Sec	No: 125	154	Prep Date: 7	/16/2010	DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
			455.4	5.0	450		0	101	75-125		0		
Arsenic Chromium			446.7	25	450 450		0	99.3	75-125 75-125		0		
Lead			444.6	25	450		0	98.8	75-125		0		
Manganese			432.4	25	450		0	96.1	75-125		0		
MS	Sample ID:	1007281-01a ms					U	nits: µg/s	ample	Ana	ysis Date:	7/16/2010	01:54 AN
Client ID:			Run I	D: ICP2_1 0	00716C		Sec	No: 125	156	Prep Date: 7	/16/2010	DF: 1	
						SPK Ref			Control	RPD Ref		RPD	
Analyte			Result	PQL	SPK Val	Value		%REC	Limit	Value	%RPD	Limit	Qual
Arsenic			432.4	5.0	450	1.0	62	95.7			0		
Chromium			431.7	25	450	6.6	15	94.5			0		
Lead			426.9	25	450	9.	72	92.7	75-125		0		
Manganese			456.8	25	450	39).2	92.8	75-125		0		
VISD	Sample ID:	1007281-01a msc	ı				U	nits: µg/s	ample	Ana	ysis Date:	7/16/2010	02:00 AN
Client ID:			Run I	D: ICP2_1 0	00716C		Sec	No: 125	157	Prep Date: 7	/16/2010	DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			392	5.0	450	1.0	62	86.8		432) <u>4</u>	.8	
Chromium			387	25	450	6.6		84.5		431			
Lead			390.8	25	450	9.		84.7	75-125				
Manganese			408.6	25	450	39		82.1	75-125	456			
Γhe followin	ig samples v	vere analyzed in th	nis batch:	10 10	007284-01a 007284-04A 007284-07a 007284-10A	10 10)0728)0728	84-02A 84-05A 84-08A 84-11A	10 10	07284-03A 07284-06a 07284-09A 07284-12a			

Date: 20-Jul-10

Client: SCS Tracer Environmental QUALIFIERS,

Project: Hunter's Point "Parcel B"; Source #: 24210032.00

WorkOrder: 1007284

Hunter's Point "Parcel B"; Source #: 24210032.00

ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
DUP LCS	Method Duplicate Laboratory Control Sample
	•
LCS	Laboratory Control Sample
LCS LCSD	Laboratory Control Sample Laboratory Control Sample Duplicate
LCS LCSD MBLK	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank
LCS LCSD MBLK MDL	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit
LCS LCSD MBLK MDL MQL	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit Method Quantitation Limit
LCS LCSD MBLK MDL MQL MS	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit Method Quantitation Limit Matrix Spike
LCS LCSD MBLK MDL MQL MS MSD	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit Method Quantitation Limit Matrix Spike Matrix Spike Duplicate

Units Reported Description

 $\mu g/sample$

Sample Receipt Checklist

Client Name:	SCSTR	ACER-SANMARCOS				Date/Time F	Received:	<u>15-</u>	Jul-10 1	1:56	
Work Order:	100728	<u>4</u>				Received by	y:	KL	<u> </u>		
Checklist compl		K rystan K raille	r	15-Jul-10 Date	_	Reviewed by:	J an V				15-Jul-10 Date
Matrices: Carrier name:	<u>UPS</u>										
Shipping contain	ner/cooler	r in good condition?		Yes	~	No 🗆	Not F	Present			
Custody seals in	ntact on s	hipping container/cooler?)	Yes		No 🗆	Not F	Present	✓		
Custody seals in	ntact on s	ample bottles?		Yes		No 🗆	Not F	Present	✓		
Chain of custody	y present	?		Yes	~	No 🗆					
Chain of custody	y signed v	when relinquished and re	ceived?	Yes	~	No 🗆					
Chain of custody	y agrees	with sample labels?		Yes	✓	No 🗌					
Samples in prop	er contai	ner/bottle?		Yes	~	No 🗌					
Sample containe	ers intactí	?		Yes	✓	No 🗆					
Sufficient sampl	le volume	for indicated test?		Yes	~	No 🗌					
All samples rece	eived with	in holding time?		Yes	~	No 🗆					
Container/Temp	Blank te	mperature in compliance	?	Yes	✓	No 🗌					
Temperature(s)/	/Thermon	neter(s):									
Cooler(s)/Kit(s):											
Water - VOA via	als have z	ero headspace?		Yes		No 🔳	No VOA	vials subr	mitted		
Water - pH acce	eptable up	oon receipt?		Yes		No 🔳	N/A				
pH adjusted? pH adjusted by:				Yes -		No 🔳	N/A				
Login Notes:											
Client Contacted	4.		Date Contacted:			Doroco	Contacted	ı.			
	u.					reison	Contacted	ı .			
Contacted By:			Regarding:								
Comments:											
CorrectiveAction	n:										

SRC Page 1 of 1

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

23-Jul-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: Hunters Point Parcel B IR07/18 Work Order: 1007392

Dear Jim,

ALS Group USA, Corp received 6 samples on 20-Jul-2010 09:27 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Rob Nieman

Chris Gibson Project Manager

A LS Group USA, Corp

Part of the A LS Laboratory Group

4388 Glendale Milford Rd Cincinnati, Ohio 45242-

Phone: (513) 733-5336 Fax: (513) 733-5347

www.alsglobal.com

A Campbell Brothers Limited Company

Date: 23-Jul-10

Client: SCS Tracer Environmental
Project: Hunters Point Parcel B IR07/18

Work Order: 1007392

Work Order Sample Summary

O Client Sample ID	<u>Matrix</u>	Tag Number	Collection Date	Date Received	Hold
111	Filter		7/6/2010	7/20/2010 09:27	
119	Filter		7/6/2010	7/20/2010 09:27	
123	Filter		7/6/2010	7/20/2010 09:27	
135	Filter		7/6/2010	7/20/2010 09:27	
127	Filter		7/6/2010	7/20/2010 09:27	
131	Filter		7/6/2010	7/20/2010 09:27	
	111 119 123 135 127	111 Filter 119 Filter 123 Filter 135 Filter 127 Filter	111 Filter 119 Filter 123 Filter 135 Filter 127 Filter	111 Filter 7/6/2010 119 Filter 7/6/2010 123 Filter 7/6/2010 135 Filter 7/6/2010 127 Filter 7/6/2010	111 Filter 7/6/2010 7/20/2010 09:27 119 Filter 7/6/2010 7/20/2010 09:27 123 Filter 7/6/2010 7/20/2010 09:27 135 Filter 7/6/2010 7/20/2010 09:27 127 Filter 7/6/2010 7/20/2010 09:27

Date: 23-Jul-10

Client: SCS Tracer Environmental
Project: Hunters Point Parcel B IR07/18

Work Order: 1007392

Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental Work Order: 1007392

Project: Hunters Point Parcel B IR07/18

Lab ID: 1007392-01A **Collection Date:** 7/6/2010

Client Sample ID: 111 Matrix: FILTER

Analyses	Result	Qual	Report Limit	por t		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date:	7/21/2010 Analyst: CEG
Arsenic	ND			25	µg/sample	1	7/21/2010 08:42 AM
Chromium	ND			25	µg/sample	1	7/21/2010 08:42 AM
Lead	ND			25	µg/sample	1	7/21/2010 08:42 AM
Manganese	26			25	µg/sample	1	7/21/2010 08:42 AM

Lab ID: 1007392-02A **Collection Date:** 7/6/2010

Client Sample ID: 119 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Unit	ts	Dilution Factor]	Date Ana	lyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date:	7/21/2010	Analy	st: CEG
Arsenic	ND			25 µ	ıg/sample	1		7/21/2010	08:48 AM
Chromium	ND			25 µ	ıg/sample	1		7/21/2010	08:48 AM
Lead	ND			25 µ	ıg/sample	1		7/21/2010	08:48 AM
Manganese	ND			25 µ	ıg/sample	1		7/21/2010	08:48 AM

Lab ID: 1007392-03A **Collection Date:** 7/6/2010

Client Sample ID: 123 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Un	its	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date:	7/21/2010 Analyst: CEG
Arsenic	ND			25	μg/sample	1	7/21/2010 08:54 AM
Chromium	ND			25	µg/sample	1	7/21/2010 08:54 AM
Lead	ND			25	µg/sample	1	7/21/2010 08:54 AM
Manganese	34			25	μg/sample	1	7/21/2010 08:54 AM

Note:

Client: SCS Tracer Environmental Work Order: 1007392

Project: Hunters Point Parcel B IR07/18

Lab ID: 1007392-04A **Collection Date:** 7/6/2010

Client Sample ID: 135 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Un	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date:	7/21/2010 Analyst: CEG
Arsenic	ND			25	µg/sample	1	7/21/2010 08:59 AM
Chromium	ND			25	µg/sample	1	7/21/2010 08:59 AM
Lead	ND			25	µg/sample	1	7/21/2010 08:59 AM
Manganese	31			25	µg/sample	1	7/21/2010 08:59 AM

Lab ID: 1007392-05A **Collection Date:** 7/6/2010

Client Sample ID: 127 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Un	its	Dilution Factor		Date A	Analyzed	
METALS BY EPA METHOD 12 MOD.			E12			Prep Date:	7/21/2010	Α	nalyst: CE	G
Arsenic	ND			25	μg/sample	1		7/21/2	010 09:05 A	M
Chromium	ND			25	µg/sample	1		7/21/2	010 09:05 A	M
Lead	ND			25	µg/sample	1		7/21/2	010 09:05 A	M
Manganese	58			25	µg/sample	1		7/21/2	010 09:05 A	M

Lab ID:1007392-06ACollection Date: 7/6/2010Client Sample ID:131Matrix: FILTER

Dilution Report Result Units **Date Analyzed Analyses Factor** Qual Limit **METALS BY EPA METHOD 12 MOD.** E12 Prep Date: 7/21/2010 Analyst: CEG ND 7/21/2010 09:11 AM Arsenic 25 μg/sample Chromium ND µg/sample 7/21/2010 09:11 AM 1 Lead ND µg/sample 7/21/2010 09:11 AM 7/21/2010 09:11 AM Manganese 29 25 µg/sample

Note:

Date: 23-Jul-10

QC BATCH REPORT

Client: SCS Tracer Environmental

Work Order: 1007392

Project: Hunters Point Parcel B IR07/18

Batch ID: 24	19	Instrument ID ICP3		Method	d: E12							
MBLK	Sample ID:	MBLK-2419-2419				U	nits: µg/s	ample	Analys	sis Date:	7/21/2010 (07:50 AN
Client ID:		R	un ID: ICP3_1	00721B		Sec	No: 127 0	058	Prep Date: 7/2	1/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		ND	5.0									
Chromium		3.015										J
Lead		1.35										J
Manganese		0.9	25									J
LCS	Sample ID:	LCS-2419-2419				U	nits: µg/s	ample	Analys	sis Date:	7/21/2010 (07:56 AI
Client ID:		R	un ID: ICP3_1	00721B		Sec	No: 127 0	059	Prep Date: 7/2	1/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		417.3	5.0	450		0	92.7	75-125	()		
Chromium		407.7	25	450		0	90.6	75-125	(
Lead		411.8	25	450		0	91.5	75-125	()		
Manganese		392	25	450		0	87.1	75-125	()		
MS	Sample ID:	1007390-01A ms				U	nits: µg/s	ample	Analys	sis Date:	7/21/2010 (08:07 AI
Client ID:		R	un ID: ICP3_1	00721B		Sec	No: 127 0	061	Prep Date: 7/2	1/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		444.1	5.0	450	0.8	55	98.5		()		
Chromium		428.6	25	450	6.8	84	93.7		()		
Lead		436	25	450	7.4	47	95.2	75-125	()		
Manganese		449.3	25	450	31.0	05	93	75-125	()		
MSD	Sample ID:	1007390-01A msd				U	nits: µg/s	ample	Analys	sis Date:	7/21/2010 (08:13 Al
Client ID:		R	un ID: ICP3_1	00721B		Sec	No: 127 0	062	Prep Date: 7/2	1/2010	DF: 1	
					SPK Ref			Control	RPD Ref		RPD Limit	
Analyte		Result	PQL	SPK Val	Value		%REC	Limit	Value	%RPD	Limit	Qual
Arsenic		456.3	5.0	450	0.8	55	101		444.1	2.7	'1	
Chromium		443		450	6.8	84	96.9		428.6	3.3	31	
Lead		445.7		450	7.4		97.4	75-125				
Manganese		460.4	25	450	31.0	05	95.4	75-125	449.3	3 2.4	2	
The followin	ng samples v	were analyzed in this batc		007392-01a 007392-04a			92-02a 92-05a		07392-03a 07392-06a			

Date: 23-Jul-10

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS Hunters Point Parcel B IR07/18 **Project:**

WorkOrder: 1007392

 $\mu g/sample$

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
Units Reported	Description

Sample Receipt Checklist

Client Name:	SCSTR	ACER-SANMARCOS				Date/Time F	Received:	20-Jul-10	<u>09:27</u>		
Work Order:	100739	<u>2</u>				Received by	r.	<u>SJW</u>			
Checklist compl	leted by	Steve Wilcox eSignature	:	20-Jul-10 Date	=	Reviewed by:	J eff Ogle			2	1-Jul-10 Date
Matrices: Carrier name:	<u>UPS</u>		<u>'</u>							'	
Shipping contain	ner/coole	r in good condition?		Yes	✓	No 🗆	Not Prese	ent 🗌			
Custody seals in	ntact on s	hipping container/cooler?		Yes		No 🗆	Not Prese	ent 🗸			
Custody seals in	ntact on s	ample bottles?		Yes		No 🗆	Not Prese	ent 🗸			
Chain of custod	ly present	?		Yes	✓	No 🗌					
Chain of custod	ly signed	when relinquished and re	ceived?	Yes	✓	No 🗌					
Chain of custod	ly agrees	with sample labels?		Yes	✓	No \square					
Samples in prop	oer contai	ner/bottle?		Yes	✓	No \square					
Sample containe	ers intact	?		Yes	✓	No \square					
Sufficient samp	le volume	for indicated test?		Yes	✓	No \square					
All samples rece	eived with	nin holding time?		Yes	✓	No \square					
Container/Temp	Blank te	mperature in compliance?	•	Yes	✓	No 🗌					
Temperature(s)	/Thermon	neter(s):									
Cooler(s)/Kit(s):	:										
Water - VOA via	als have z	zero headspace?		Yes		No 🔲	No VOA vials	submitted			
Water - pH acce	eptable up	oon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:				Yes -		No 🔲	N/A				
Login Notes:											
											- — — –
Client Contacted	d:		Date Contacted:			Person	Contacted:				
Contacted By:			Regarding:								
Comments:											
CorrectiveAction	n:										
									CD	C Dogg	1 of 1

SRC Page 1 of 1

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

05-Aug-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG / Hunter's Point Work Order: 1007659

Dear Jim,

ALS Group USA, Corp received 8 samples on 30-Jul-2010 01:09 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 14.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Rob Nieman

Rob Nieman Analyst

A LS Group USA, Corp
Part of the A LS Laboratory Group
4388 Glendale Milford Rd Cincinnati, Ohio 45242-

Phone: (513) 733-5336 Fax: (513) 733-5347

www.alsglobal.com

A Campbell Brothers Limited Company

Date: 05-Aug-10

Client: SCS Tracer Environmental Project: ERRG / Hunter's Point

Work Order: 1007659

Work Order Sample Summary

Lab Samp ID	Client Sample ID	<u>Matrix</u>	Tag Number	Collection Date	Date Received	Hold
1007659-01	1-TSP-0139	Filter		7/12/2010	7/30/2010 13:09	
1007659-02	3-TSP-0143	Filter		7/12/2010	7/30/2010 13:09	
1007659-03	1-TSP-0147	Filter		7/13/2010	7/30/2010 13:09	
1007659-04	3-TSP-0151	Filter		7/13/2010	7/30/2010 13:09	
1007659-05	3-TSP-0159	Filter		7/14/2010	7/30/2010 13:09	
1007659-06	1-TSP-0155	Filter		7/14/2010	7/30/2010 13:09	
1007659-07	1-TSP-0163	Filter		7/15/2010	7/30/2010 13:09	
1007659-08	3-TSP-0167	Filter		7/15/2010	7/30/2010 13:09	

Client: SCS Tracer Environmental

Project: ERRG / Hunter's Point Case Narrative

Work Order: 1007659

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

CN Page 1 of 1

Date: 05-Aug-10

Client: SCS Tracer Environmental

Project:ERRG / Hunter's PointWork Order:1007659Sample ID:1-TSP-0139Lab ID:1007659-01Collection Date:7/12/2010Matrix:FILTER

Analyses	Result	Qual	Report Limit		J nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/2/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/3/2010 11:42 AM
Chromium	ND			25	µg/sample	1	8/3/2010 11:42 AM
Lead	ND			25	µg/sample	1	8/3/2010 11:42 AM
Manganese	36			25	µg/sample	1	8/3/2010 11:42 AM

Date: 05-Aug-10

Client: SCS Tracer Environmental

 Project:
 ERRG / Hunter's Point
 Work Order:
 1007659

 Sample ID:
 3-TSP-0143
 Lab ID:
 1007659-02

 Collection Date:
 7/12/2010
 Matrix:
 FILTER

Report **Dilution Analyses** Result Limit **Date Analyzed** Units Qual **Factor METALS BY EPA METHOD 12 MOD.** E12 Prep Date: 8/2/2010 Analyst: CEG ND 25 µg/sample 8/3/2010 11:59 AM Chromium ND 25 µg/sample 8/3/2010 11:59 AM 1 Lead ND 25 µg/sample 1 8/3/2010 11:59 AM ND μg/sample 8/3/2010 11:59 AM Manganese

Date: 05-Aug-10

Client: SCS Tracer Environmental

Project:ERRG / Hunter's PointWork Order:1007659Sample ID:1-TSP-0147Lab ID:1007659-03Collection Date:7/13/2010Matrix:FILTER

Analyses	Result	Qual	Report Limit	Į	J nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/2/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/3/2010 12:05 PM
Chromium	ND			25	μg/sample	1	8/3/2010 12:05 PM
Lead	ND			25	μg/sample	1	8/3/2010 12:05 PM
Manganese	ND			25	µg/sample	1	8/3/2010 12:05 PM

Date: 05-Aug-10

Client: SCS Tracer Environmental

 Project:
 ERRG / Hunter's Point
 Work Order:
 1007659

 Sample ID:
 3-TSP-0151
 Lab ID:
 1007659-04

 Collection Date:
 7/13/2010
 Matrix:
 FILTER

Report **Dilution Analyses** Result Limit **Date Analyzed** Units Qual **Factor METALS BY EPA METHOD 12 MOD.** E12 Prep Date: 8/2/2010 Analyst: CEG 8/3/2010 12:11 PM ND 25 µg/sample Chromium ND 25 µg/sample 8/3/2010 12:11 PM 1 Lead ND 25 µg/sample 1 8/3/2010 12:11 PM ND μg/sample 8/3/2010 12:11 PM Manganese

Date: 05-Aug-10

Client: SCS Tracer Environmental

Project:ERRG / Hunter's PointWork Order:1007659Sample ID:3-TSP-0159Lab ID:1007659-05Collection Date:7/14/2010Matrix:FILTER

Analyses	Result	Qual	Report Limit	Ţ	J nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/2/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/3/2010 12:28 PM
Chromium	ND			25	μg/sample	1	8/3/2010 12:28 PM
Lead	ND			25	μg/sample	1	8/3/2010 12:28 PM
Manganese	ND			25	µg/sample	1	8/3/2010 12:28 PM

Date: 05-Aug-10

Client: SCS Tracer Environmental

 Project:
 ERRG / Hunter's Point
 Work Order:
 1007659

 Sample ID:
 1-TSP-0155
 Lab ID:
 1007659-06

 Collection Date:
 7/14/2010
 Matrix:
 FILTER

Report **Dilution Analyses** Result Limit **Date Analyzed** Units Qual **Factor METALS BY EPA METHOD 12 MOD.** E12 Prep Date: 8/2/2010 Analyst: CEG ND 25 µg/sample 8/3/2010 12:34 PM Chromium ND 25 µg/sample 8/3/2010 12:34 PM 1 Lead ND 25 µg/sample 1 8/3/2010 12:34 PM ND μg/sample 8/3/2010 12:34 PM Manganese

Date: 05-Aug-10

Client: SCS Tracer Environmental

Project:ERRG / Hunter's PointWork Order:1007659Sample ID:1-TSP-0163Lab ID:1007659-07Collection Date:7/15/2010Matrix:FILTER

Analyses	Result	Qual	Report Limit		J nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/2/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/3/2010 12:40 PM
Chromium	ND			25	µg/sample	1	8/3/2010 12:40 PM
Lead	ND			25	µg/sample	1	8/3/2010 12:40 PM
Manganese	37			25	µg/sample	1	8/3/2010 12:40 PM

Date: 05-Aug-10

Client: SCS Tracer Environmental

 Project:
 ERRG / Hunter's Point
 Work Order:
 1007659

 Sample ID:
 3-TSP-0167
 Lab ID:
 1007659-08

 Collection Date:
 7/15/2010
 Matrix:
 FILTER

Analyses	Result	Report Qual Limit		Į	J nits	Dilution Factor	Date Analyzed	
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/2/2010	Analyst: CEG	
Arsenic	ND			25	µg/sample	1	8/3/2010 12:46 PM	
Chromium	ND			25	µg/sample	1	8/3/2010 12:46 PM	
Lead	ND			25	µg/sample	1	8/3/2010 12:46 PM	
Manganese	ND			25	µg/sample	1	8/3/2010 12:46 PM	

Date: 05-Aug-10

QC BATCH REPORT

Date: 05-Aug-10

Client: SCS Tracer Environmental

Work Order: 1007659

Project: ERRG / Hunter's Point

Batch ID: 25	31	Instrument ID: ICP3		Metho	d: E12								
MBLK	Sample ID:	MBLK-2531-2531				Units: µg/sample		Analysis Date: 8/3/2010 11:31 AM					
Client ID:		Run ID: ICP3_100803C				SeqNo: 131469		Prep Date: 8/2/	DF: 1				
Analyte		Result	PQL	SPK Val	SPK Ref Value	9/	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua	
Arsenic		0.495	25									J	
Chromium		3.06	25									J	
Lead		1.62	25									J	
Manganese		0.99	25									J	
LCS	Sample ID:	LCS-2531-2531				Units: µg/sample Analysis Date: 8/3/2010 11				:37 AM			
Client ID:		Rı	un ID: ICP3_1	00803C		SeqN	o: 131 4	470	Prep Date: 8/2/	DF: 1			
Analyte		Result	PQL	SPK Val	SPK Ref Value	%	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua	
Arsenic		469.8	25	450		0	104	75-125	C)			
Chromium		450.9	25	450		0	100	75-125	C				
Lead		464.4	25	450		0	103	75-125	C	1			
Manganese		448	25	450		0	99.6	75-125	C	1			
MS Sample ID: 1007659-01A ms						Unit	s: µg/s	ample	Analysis Date: 8/3/2010 11:48 AM				
Client ID: 1-1	TSP-0139	Ru	un ID: ICP3_1	00803C		SeqNo: 131472			Prep Date: 8/2/	DF: 1			
					SPK Ref			Control	RPD Ref		RPD		
Analyte		Result	PQL	SPK Val	Value	%	6REC	Limit	Value	%RPD	Limit	Qua	
Arsenic		491	25	450	0.9	99	109	75-125	C)			
Chromium		483.8	25	450	7.5	29	106	75-125	C)			
Lead		478.4	25	450	5.9	94	105	75-125	C)			
Manganese		506.2	25	450	36.0	09	104	75-125	C	1			
MSD	Sample ID:	1007659-01A msd				Unit	s: µg/s	ample	Analysis Date: 8/3/2010 11:54 AM				
Client ID: 1-1	TSP-0139	Ru	Run ID: ICP3_100803C			SeqNo: 131473			Prep Date: 8/2/	DF: 1			
Analyte		Result	PQL	SPK Val	SPK Ref Value		6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua	
Arsenic		487.8	25	450	0.9		108	75-125	491	0.644			
Chromium		480.6	25 25	450 450	7.3		105	75-125 75-125	483.8				
Lead		478.4	25	450	5.9		105	75-125	478.4				
Manganese		509	25	450	36.0		105	75-125	506.2				
The followin	ng samples v	vere analyzed in this batcl	10	007659-01A 007659-04A 007659-07A	10)07659-)07659-)07659-	-05A		07659-03A 07659-06A				

Date: 05-Aug-10

Client: SCS Tracer Environmental **QUALIFIERS, Project:** ERRG / Hunter's Point ACRONYMS, UNITS

WorkOrder: 1007659

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit

 $\mu g/sample$

Units Reported Description

Sample Receipt Checklist

Client Name: SCSTRACER-SANMARCOS				Date/Time F	Received:	30-Jul-10	<u>13:09</u>	
Work Order:	1007659			Received by	<i>r</i> .	<u>SLW</u>		
Checklist compl	eted by: Steve VVIIcox eSignature	30-Jul-1	0_	Reviewed by:	J an Wild	C0X	02-Aug-1	0
Matrices: Carrier name:	<u>UPS</u>	, ,					"	
Shipping contain	ner/cooler in good condition?	Yes	s V	No 🗆	Not Prese	nt \square		
Custody seals in	ntact on shipping container/cooler?	Yes	s 🗆	No 🗆	Not Prese	nt 🗸		
Custody seals in	ntact on sample bottles?	Yes	s 🗆	No 🗆	Not Prese	nt 🗸		
Chain of custod	y present?	Yes	s V	No 🗌				
Chain of custod	y signed when relinquished and re	ceived? Yes	s V	No 🗌				
Chain of custod	y agrees with sample labels?	Yes	s V	No 🗌				
Samples in prop	er container/bottle?	Yes	s V	No 🗆				
Sample containers intact?		Yes	s V	No \square				
Sufficient sample volume for indicated test?		Yes	s V	No \square				
All samples received within holding time?		Yes	s V	No 🗆				
Container/Temp	Blank temperature in compliance?	? Yes	s V	No 🗌				
Temperature(s)/	Thermometer(s):							
Cooler(s)/Kit(s):								
Water - VOA via	als have zero headspace?	Yes	3	No 🔲	No VOA vials	submitted		
Water - pH acce	eptable upon receipt?	Yes	s 🔳	No 🔳	N/A			
pH adjusted? pH adjusted by:		Yes	s 🔳	No 🔳	N/A			
Login Notes:	Volumes not listed on paperw	ork.						
====	:======	======	<u> </u>	====	:====	===:		: -
Client Contacted: Date Contacted:		Date Contacted:		Person	Contacted:			
Contacted By:		Regarding:						
Comments:								
CorrectiveAction	n:						SDC Dage 4 of	4

SRC Page 1 of 1

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

06-Aug-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: Hunters Point Parcel B IR07/18 Work Order: 1008071

Dear Jim,

ALS Group USA, Corp received 4 samples on 04-Aug-2010 09:32 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Chris Gibson

Chris Gibson Project Manager

A LS Group USA, Corp
Part of the A LS Laboratory Group
4388 Glendale Milford Rd Cincinnati, Ohio 45242-

Phone: (513) 733-5336 Fax: (513) 733-5347

www.alsglobal.com

A Campbell Brothers Limited Company

Client: SCS Tracer Environmental
Project: Hunters Point Parcel B IR07/18

Work Order: 1008071

Case Narrative

Date: 06-Aug-10

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Date: 06-Aug-10

Client: SCS Tracer Environmental
Project: Hunters Point Parcel B IR07/18

Work Order: 1008071

Work Order Sample Summary

Lab Samp II	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1008071-01	3-TSP-0210	Air		7/26/2010	8/4/2010 09:32	
1008071-02	1-TSP-0214	Air		7/26/2010	8/4/2010 09:32	
1008071-03	1-TSP-0218	Air		7/27/2010	8/4/2010 09:32	
1008071-04	3-TSP-0221	Air		7/27/2010	8/4/2010 09:32	

Client: SCS Tracer Environmental Work Order: 1008071

Project: Hunters Point Parcel B IR07/18

Lab ID: 1008071-01A **Collection Date:** 7/26/2010

Client Sample ID: 3-TSP-0210 Matrix: AIR

Analyses	Result	Qual	Report Limit			Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 01:08 AM
Chromium	ND			25	µg/sample	1	8/5/2010 01:08 AM
Lead	ND			25	µg/sample	1	8/5/2010 01:08 AM
Manganese	ND			25	µg/sample	1	8/5/2010 01:08 AM

Lab ID: 1008071-02A **Collection Date:** 7/26/2010

Client Sample ID: 1-TSP-0214 Matrix: AIR

Analyses	Result	Qual	Report Limit	Ur	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 01:40 AM
Chromium	ND			25	µg/sample	1	8/5/2010 01:40 AM
Lead	ND			25	µg/sample	1	8/5/2010 01:40 AM
Manganese	34			25	μg/sample	1	8/5/2010 01:40 AM

Lab ID: 1008071-03A **Collection Date:** 7/27/2010

Client Sample ID: 1-TSP-0218 Matrix: AIR

Analyses	Result	Qual	Report Limit	Un	its	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 01:47 AM
Chromium	ND			25	µg/sample	1	8/5/2010 01:47 AM
Lead	ND			25	µg/sample	1	8/5/2010 01:47 AM
Manganese	35			25	μg/sample	1	8/5/2010 01:47 AM

Note:

Client: SCS Tracer Environmental Work Order: 1008071

Project: Hunters Point Parcel B IR07/18

Lab ID: 1008071-04A **Collection Date:** 7/27/2010

Client Sample ID: 3-TSP-0221 Matrix: AIR

Analyses	Result	Qual	Report Limit Units		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/4	/2010 Analyst: TAB
Arsenic	ND			25 μg/sam	ple 1	8/5/2010 01:53 AM
Chromium	ND			25 μg/sam	ple 1	8/5/2010 01:53 AM
Lead	ND			25 μg/sam	ple 1	8/5/2010 01:53 AM
Manganese	ND			25 μg/sam	ple 1	8/5/2010 01:53 AM

Note:

Client: SCS Tracer Environmental

Work Order: 1008071

Project: Hunters Point Parcel B IR07/18

Date: 06-Aug-10 **QC BATCH REPORT**

Batch ID: 25	90	Instrument ID ICP2		Metho	d: E12							
MBLK	Sample ID:	MBLK-2590-2590				Un	its: µg/s	sample	Analys	is Date:	8/5/2010 12	2:55 PN
Client ID:		Run	ID: ICP2 _1	100805A		SeqN	No: 132	566	Prep Date: 8/4/	2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	•	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		ND	25									
Chromium		1.53	25									J
_ead		2.79	25									J
Manganese		0.945	25									J
_CS	Sample ID:	LCS-2590-2590				Uni	its: µg/s	sample	Analys	is Date:	8/5/2010 0°	1:02 AN
Client ID:	·		ID: ICP2 _1	100805A			No: 132 :	-	Prep Date: 8/4/		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	(%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		422.9	25	450		0	94	75-125	0			
Chromium		425.7	25	450		0	94.6	75-125 75-125	0			
Lead Manganese		432.3 439.3	25 25	450 450		0	96.1 97.6	75-125 75-125	0			
MS	Comple ID:					Lla			Analya	ia Data:	9/5/2040 0	1.07 4
lient ID: 3- 1	·	1008071-01a ms	ID: ICB2 4	10000E A			its: µg/s	-	•		8/5/2010 0° DF: 1	1.21 AI
) E I D . 3-1	137-0210	Kuli	ID: ICP2 _1	100003A		Sequ	No: 132	303	Prep Date: 8/4/	2010		
Analyte		Result	PQL	SPK Val	SPK Ref Value	(%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		440.6	25	450	-0.5	54	98	75-125	0			
Chromium		437.7	25	450	4.6	88	96.2	75-125	0			
_ead		447	25	450	4.63	35	98.3	75-125	0			
Manganese		464	25	450		13	100	75-125	0			
//SD	Sample ID:	1008071-01a msd				Un	its: µg/s	sample	Analys	is Date:	8/5/2010 0°	1:34 AN
Client ID: 3-1	TSP-0210	Run	ID: ICP2 _1	100805A		SeqN	No: 132	506	Prep Date: 8/4/	2010	DF: 1	
					SPK Ref			Control	RPD Ref		RPD	
Analyte		Result	PQL	SPK Val	Value	(%REC	Limit	Value	%RPD	Limit	Qu
rsenic		443.8	25	450	-0.5	54	98.7	75-125	440.6	0.71	2	
Chromium		438	25	450	4.6	86	96.3	75-125	437.7	0.071	9	
.ead		445.3	25	450	4.63	35	97.9	75-125	447	0.39)3	
Manganese		462.2	25	450	•	13	99.8	75-125	464	0.38	39	
		vere analyzed in this batch:	4	008071-01a	4.0	08071	1 00-	10	08071-03a			

1008071-04a

Date: 06-Aug-10

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS Hunters Point Parcel B IR07/18 **Project:**

WorkOrder: 1008071

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
Units Reported	Description

 $\mu g/sample$

Sample Receipt Checklist

Client Name: §	SCSTR	ACER-SANMARCOS				Date/Time F	Received	04-	Aug-10	09:32	
Work Order: 1	1008071	<u>l</u>				Received by	/ :	<u>SJ\</u>	<u>N</u>		
Checklist complet		K rystan K rail	ler	04-Aug-10 Date	<u>) </u>	Reviewed by:	K ell eSignat	y⊢ age	n		05-Aug-10 Date
Matrices: Carrier name:	<u>UPS</u>										
Shipping contained	er/cooler	in good condition?		Yes	✓	No 🗌	Not	Present			
Custody seals into	act on sl	hipping container/coole	r?	Yes		No 🗆	Not	Present	✓		
Custody seals into	act on s	ample bottles?		Yes		No 🗌	Not	Present	✓		
Chain of custody	present	?		Yes	~	No 🗌					
Chain of custody	signed v	when relinquished and	received?	Yes	~	No \square					
Chain of custody	agrees v	with sample labels?		Yes	~	No \square					
Samples in prope	er contair	ner/bottle?		Yes	✓	No 🗌					
Sample container	rs intact?	>		Yes	~	No 🗆					
Sufficient sample	volume	for indicated test?		Yes	~	No 🗆					
All samples receiv	ved withi	in holding time?		Yes	✓	No 🗆					
Container/Temp E	Blank ter	mperature in complianc	e?	Yes	✓	No 🗌					
Temperature(s)/T	hermom	neter(s):									
Cooler(s)/Kit(s):											
Water - VOA vials	s have z	ero headspace?		Yes		No 🔲	No VOA	vials subr	mitted		
Water - pH accep	otable up	oon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:				Yes -		No 🔳	N/A				
Login Notes:											
					= ==						
Client Contacted:			Date Contacted:			Person	Contacte	ed:			
Contacted By:			Regarding:								
Comments:											
CorrectiveAction:											

SRC Page 1 of 1

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

06-Aug-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: Hunters Point Parcel B IR07/18 Work Order: 1008072

Dear Jim,

ALS Group USA, Corp received 10 samples on 04-Aug-2010 11:53 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 10.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Chris Gibson

Chris Gibson Project Manager

A LS Group USA, Corp
Part of the A LS Laboratory Group
4388 Glendale Milford Rd Cincinnati, Ohio 45242-

Phone: (513) 733-5336 Fax: (513) 733-5347 www.alsglobal.com

A Campbell Brothers Limited Company

Client: SCS Tracer Environmental
Project: Hunters Point Parcel B IR07/18

Work Order: 1008072

Case Narrative

Date: 06-Aug-10

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Date: 06-Aug-10

Client: SCS Tracer Environmental
Project: Hunters Point Parcel B IR07/18

Work Order: 1008072

Work Order Sample Summary

Lab Samp ID	Client Sample ID	<u>Matrix</u>	Tag Number	Collection Date	Date Received	Hold
1008072-01	1TSP-0171	Air		7/21/2010	8/4/2010 11:53	
1008072-02	3-TSP-0174	Air		7/21/2010	8/4/2010 11:53	
1008072-03	1-TSP-0178	Air		7/22/2010	8/4/2010 11:53	
1008072-04	3-TSP-0182	Air		7/22/2010	8/4/2010 11:53	
1008072-05	3-TSP-0190	Air		7/23/2010	8/4/2010 11:53	
1008072-06	1-TSP-0186	Air		7/23/2010	8/4/2010 11:53	
1008072-07	3-TSP-0198	Air		7/24/2010	8/4/2010 11:53	
1008072-08	1-TSP-0194	Air		7/24/2010	8/4/2010 11:53	
1008072-09	1-TSP-0202	Air		7/25/2010	8/4/2010 11:53	
1008072-10	3-TSP-0206	Air		7/25/2010	8/4/2010 11:53	

Client: SCS Tracer Environmental Work Order: 1008072

Project: Hunters Point Parcel B IR07/18

Lab ID: 1008072-01A **Collection Date:** 7/21/2010

Client Sample ID: 1TSP-0171 Matrix: AIR

Analyses	Result	Qual	Report Limit	Un	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 01:59 AM
Chromium	ND			25	µg/sample	1	8/5/2010 01:59 AM
Lead	ND			25	µg/sample	1	8/5/2010 01:59 AM
Manganese	ND			25	µg/sample	1	8/5/2010 01:59 AM

Lab ID: 1008072-02A **Collection Date:** 7/21/2010

Client Sample ID: 3-TSP-0174 Matrix: AIR

Analyses	Result	Qual	Report Limit		nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 02:06 AM
Chromium	ND			25	µg/sample	1	8/5/2010 02:06 AM
Lead	ND			25	µg/sample	1	8/5/2010 02:06 AM
Manganese	ND			25	µg/sample	1	8/5/2010 02:06 AM

Lab ID: 1008072-03A **Collection Date:** 7/22/2010

Client Sample ID: 1-TSP-0178 Matrix: AIR

Analyses	Result	Qual	Report Limit	Ur	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 02:12 AM
Chromium	ND			25	µg/sample	1	8/5/2010 02:12 AM
Lead	ND			25	µg/sample	1	8/5/2010 02:12 AM
Manganese	36			25	µg/sample	1	8/5/2010 02:12 AM

Note:

Client: SCS Tracer Environmental Work Order: 1008072

Project: Hunters Point Parcel B IR07/18

Lab ID: 1008072-04A **Collection Date:** 7/22/2010

Client Sample ID: 3-TSP-0182 Matrix: AIR

Analyses	Result	Qual	Report Limit	1 t		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 02:19 AM
Chromium	ND			25	µg/sample	1	8/5/2010 02:19 AM
Lead	ND			25	µg/sample	1	8/5/2010 02:19 AM
Manganese	ND			25	µg/sample	1	8/5/2010 02:19 AM

Lab ID: 1008072-05A **Collection Date:** 7/23/2010

Client Sample ID: 3-TSP-0190 Matrix: AIR

Analyses	Result	Qual	Report Limit	ı		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 02:25 AM
Chromium	ND			25	µg/sample	1	8/5/2010 02:25 AM
Lead	ND			25	µg/sample	1	8/5/2010 02:25 AM
Manganese	ND			25	µg/sample	1	8/5/2010 02:25 AM

Lab ID: 1008072-06A **Collection Date:** 7/23/2010

Client Sample ID: 1-TSP-0186 Matrix: AIR

Analyses	Result	Report Qual Limit Un		nits	Dilution Factor	Date Analyzed	
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 03:50 AM
Chromium	ND			25	µg/sample	1	8/5/2010 03:50 AM
Lead	ND			25	µg/sample	1	8/5/2010 03:50 AM
Manganese	39			25	µg/sample	1	8/5/2010 03:50 AM

Note:

Client: SCS Tracer Environmental Work Order: 1008072

Project: Hunters Point Parcel B IR07/18

Lab ID: 1008072-07A **Collection Date:** 7/24/2010

Client Sample ID: 3-TSP-0198 Matrix: AIR

Analyses	Result	Qual	Report Limit	Report Limit Units		Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB		
Arsenic	ND			25	µg/sample	1	8/5/2010 03:56 AM		
Chromium	ND			25	µg/sample	1	8/5/2010 03:56 AM		
Lead	ND			25	µg/sample	1	8/5/2010 03:56 AM		
Manganese	ND			25	µg/sample	1	8/5/2010 03:56 AM		

Lab ID: 1008072-08A **Collection Date:** 7/24/2010

Client Sample ID: 1-TSP-0194 Matrix: AIR

Analyses	Result	Qual	Report Jual Limit Units		nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2010	Analyst: TAB
Arsenic	ND			25	µg/sample	1	8/5/2010 04:03 AM
Chromium	ND			25	µg/sample	1	8/5/2010 04:03 AM
Lead	ND			25	µg/sample	1	8/5/2010 04:03 AM
Manganese	26			25	µg/sample	1	8/5/2010 04:03 AM

Lab ID: 1008072-09A **Collection Date:** 7/25/2010

Client Sample ID: 1-TSP-0202 Matrix: AIR

Analyses	Result	Report Qual Limit Units		Dilution Factor	Date Analyzed	
METALS BY EPA METHOD 12 MOD.			E12		Prep Date:	8/4/2010 Analyst: TAB
Arsenic	ND			25 μg/s	sample 1	8/5/2010 04:09 AM
Chromium	ND			25 μg/s	sample 1	8/5/2010 04:09 AM
Lead	ND			25 μg/s	sample 1	8/5/2010 04:09 AM
Manganese	59			25 μg/s	sample 1	8/5/2010 04:09 AM

Note:

Client: SCS Tracer Environmental Work Order: 1008072

Project: Hunters Point Parcel B IR07/18

Lab ID: 1008072-10A **Collection Date:** 7/25/2010

Client Sample ID: 3-TSP-0206 Matrix: AIR

Analyses	Result	Qual	Report		Dilution Factor		Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/4/2	2010	Analyst: TAB	
Arsenic	ND			25	µg/sample	1		8/5/2010 04:15 AM	
Chromium	ND			25	µg/sample	1		8/5/2010 04:15 AM	
Lead	ND			25	µg/sample	1		8/5/2010 04:15 AM	
Manganese	ND			25	µg/sample	1		8/5/2010 04:15 AM	

Note:

Client: SCS Tracer Environmental

Work Order: 1008072

Project: Hunters Point Parcel B IR07/18

Date: 06-Aug-10 **QC BATCH REPORT**

Batch ID: 25	90 Instrumen	t ID ICP2		Metho	d: E12							
MBLK	Sample ID: MBLK-2590)-2590				U	nits: µg/s	ample	Analys	is Date: 8	/5/2010 1	2:55 PN
Client ID:		Run II	D: ICP2_1	00805A		Sec	qNo: 132	566	Prep Date: 8/4	/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		ND	25									
Chromium		1.53	25									J
Lead		2.79	25									J
Manganese		0.945	25									J
cs	Sample ID: LCS-2590-2	:590				U	nits: µg/s	ample	Analys	is Date: 8	/5/2010 0	1:02 Al
Client ID:		Run II	D: ICP2_1	00805A		Sec	qNo: 132	503	Prep Date: 8/4	/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		422.9	25	450		0	94	75-125	C)		
Chromium		425.7	25	450		0	94.6	75-125	C)		
Lead		432.3	25	450		0	96.1	75-125	C)		
Manganese		439.3	25	450		0	97.6	75-125	()		
MS	Sample ID: 1008071-01	a ms				U	nits: µg/s	ample	Analys	is Date: 8	/5/2010 0	1:27 Al
Client ID:		Run II	D: ICP2_1	00805A		Sec	No: 132	505	Prep Date: 8/4	/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		440.6	25	450	-0.5	54	98	75-125	C)		
Chromium		437.7	25	450	4.6	86	96.2	75-125	C)		
Lead		447	25	450	4.63	35	98.3	75-125	C)		
Manganese		464	25	450		13	100	75-125	()		
MSD	Sample ID: 1008071-01	a msd				U	nits: µg/s	ample	Analys	is Date: 8	/5/2010 0	1:34 AN
Client ID:		Run II	D: ICP2_1	00805A		Sec	No: 132	506	Prep Date: 8/4	/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		443.8	25	450	-0.5	54	98.7	75-125	440.6	0.712	<u> </u>	
Chromium		438	25	450	4.6		96.3	75-125				
Lead		445.3	25	450	4.63	35	97.9	75-125	447	0.393	3	
Manganese		462.2	25	450		13	99.8	75-125	464	0.389)	
The followin	g samples were analyze	d in this batch:	10	008072-01a 008072-04a 008072-07a 008072-10a	10	0807	72-02a 72-05a 72-08a	10	08072-03a 08072-06a 08072-09a			

Date: 06-Aug-10

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS Hunters Point Parcel B IR07/18 **Project:**

WorkOrder: 1008072

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
Units Reported	Description

Units Reported Description

 $\mu g/sample$

Sample Receipt Checklist

Client Name:	SCSTR	ACER-SANMARCOS				Date/Time F	Received:	04-	Aug-10	11:53	
Work Order:	<u>100807</u>	<u>2</u>				Received by	y :	SJV	<u>v</u>		
Checklist comple		K rystan K raille	r	04-Aug-10 Date	<u>) </u>	Reviewed by:	K elly eSignatu	y H age	n		05-Aug-10 Date
Matrices: Carrier name:	<u>UPS</u>										
Shipping contain	er/cooler	r in good condition?		Yes	✓	No 🗆	Not I	Present			
Custody seals int	tact on s	hipping container/cooler?	>	Yes		No 🗆	Not I	Present	✓		
Custody seals int	tact on s	ample bottles?		Yes		No 🗌	Not I	Present	~		
Chain of custody	present	?		Yes	~	No 🗌					
Chain of custody	signed	when relinquished and re	eceived?	Yes	~	No 🗌					
Chain of custody	agrees	with sample labels?		Yes	~	No \square					
Samples in prope	er contai	ner/bottle?		Yes	~	No 🗌					
Sample containe	rs intact	?		Yes	~	No 🗆					
Sufficient sample	e volume	for indicated test?		Yes	~	No 🗆					
All samples recei	ived with	nin holding time?		Yes	✓	No 🗆					
Container/Temp	Blank te	mperature in compliance	?	Yes	✓	No 🗌					
Temperature(s)/1	Thermon	neter(s):									
Cooler(s)/Kit(s):											
Water - VOA vial	ls have z	zero headspace?		Yes		No 🔲	No VOA	vials subr	nitted		
Water - pH accep	ptable up	oon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:				Yes -		No 🔳	N/A				
Login Notes:											
					= ==						
Client Contacted	:		Date Contacted:			Person	Contacte	d:			
Contacted By:			Regarding:								
Comments:											
CorrectiveAction:	:										

SRC Page 1 of 1



23-Aug-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: Hunter's Point; Source #: 24210032.00 Work Order: **1008362**

Dear Jim,

ALS Environmental received 6 samples on 17-Aug-2010 11:08 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Rob Nieman

Rob Nieman Analyst

Client: SCS Tracer Environmental

Project: Hunter's Point; Source #: 24210032.00

Work Order: 1008362

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1008362-01	1-TSP-226	Air		8/3/2010	8/17/2010 11:08	
1008362-02	3-TSP-230	Air		8/3/2010	8/17/2010 11:08	
1008362-03	1-TSP-234	Air		8/2/2010	8/17/2010 11:08	
1008362-04	3-TSP-238	Air		8/2/2010	8/17/2010 11:08	
1008362-05	1-TSP-250	Air		8/4/2010	8/17/2010 11:08	
1008362-06	3-TSP-254	Air		8/4/2010	8/17/2010 11:08	

Client: SCS Tracer Environmental

Project: Hunter's Point; Source #: 24210032.00 Case Narrative

Work Order: 1008362

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental Work Order: 1008362

Project: Hunter's Point; Source #: 24210032.00

Lab ID: 1008362-01A **Collection Date:** 8/3/2010

Client Sample ID: 1-TSP-226 Matrix: AIR

Analyses	Result	Qual	Report Limit	1.0		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/17/2010	O Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/18/2010 10:03 AM
Chromium	ND			25	μg/sample	1	8/18/2010 10:03 AM
Lead	31			25	μg/sample	1	8/18/2010 10:03 AM
Manganese	87			25	µg/sample	1	8/18/2010 10:03 AM

Lab ID: 1008362-02A **Collection Date:** 8/3/2010

Client Sample ID: 3-TSP-230 Matrix: AIR

Analyses	Result	Qual	Report Limit	Un	its	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/17/201	0 Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/18/2010 10:09 AM
Chromium	ND			25	μg/sample	1	8/18/2010 10:09 AM
Lead	ND			25	μg/sample	1	8/18/2010 10:09 AM
Manganese	ND			25	μg/sample	1	8/18/2010 10:09 AM

Lab ID: 1008362-03A **Collection Date:** 8/2/2010

Client Sample ID: 1-TSP-234 Matrix: AIR

Analyses	Result	Qual	Report Limit	Ur	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/17/2010	Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/18/2010 10:15 AM
Chromium	ND			25	µg/sample	1	8/18/2010 10:15 AM
Lead	ND			25	µg/sample	1	8/18/2010 10:15 AM
Manganese	ND			25	µg/sample	1	8/18/2010 10:15 AM

Client: SCS Tracer Environmental Work Order: 1008362

Project: Hunter's Point; Source #: 24210032.00

Lab ID: 1008362-04A **Collection Date:** 8/2/2010

Client Sample ID: 3-TSP-238 Matrix: AIR

Analyses	Result	Qual	Report Limit	Un	iits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/17/2010	O Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/18/2010 10:21 AM
Chromium	ND			25	µg/sample	1	8/18/2010 10:21 AM
Lead	ND			25	μg/sample	1	8/18/2010 10:21 AM
Manganese	ND			25	µg/sample	1	8/18/2010 10:21 AM

Lab ID: 1008362-05A **Collection Date:** 8/4/2010

Client Sample ID: 1-TSP-250 Matrix: AIR

Analyses	Result	Qual	Report Limit	Un	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/17/201	IO Analyst: CEG
Arsenic	ND			25	µg/sample	1	8/18/2010 10:38 AM
Chromium	ND			25	μg/sample	1	8/18/2010 10:38 AM
Lead	ND			25	μg/sample	1	8/18/2010 10:38 AM
Manganese	99			25	µg/sample	1	8/18/2010 10:38 AM

Lab ID: 1008362-06A **Collection Date:** 8/4/2010

Client Sample ID: 3-TSP-254 Matrix: AIR

Analyses	Result	Qual	Report Limit	Ur	nits	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12			Prep Date: 8/17/2010	Analyst: CEG
Arsenic	ND			25	μg/sample	1	8/18/2010 10:44 AM
Chromium	ND			25	μg/sample	1	8/18/2010 10:44 AM
Lead	ND			25	μg/sample	1	8/18/2010 10:44 AM
Manganese	ND			25	µg/sample	1	8/18/2010 10:44 AM

Date: 23-Aug-10

Client: SCS Tracer Environmental Work Order: 1008362

Project: Hunter's Point: Source #: 24210032.00

Batch ID: 2753 Instrument ID: ICP3 Method: E12 Sample ID: mblk-2753-2753 **MBLK** Units: µg/sample Analysis Date: 8/18/2010 09:35 AM SeqNo: 138820 Prep Date: 8/17/2010 Client ID: Run ID: ICP3_100818B DF: 1 SPK Ref RPD Ref **RPD** Control Value Limit Value Limit Analyte Result **PQL** SPK Val %REC %RPD Qual Arsenic 0.63 25 Chromium 1.575 25 Lead 1.71 25 0.765 25 Manganese Analysis Date: 8/18/2010 09:41 AM LCS Sample ID: Ics-2753-2753 Units: µg/sample Run ID: ICP3_100818B Prep Date: 8/17/2010 Client ID: SeqNo: 138821 DF: 1 RPD SPK Ref Control RPD Ref Value Limit Value Limit %REC %RPD Qual Result **PQL** SPK Val Analyte 0 0 458.1 75-125 Arsenic 25 450 102 0 0 Chromium 449.7 25 450 99.9 75-125 457.6 25 450 0 102 75-125 0 Lead Manganese 446.8 25 450 0 99.3 75-125 0 MS Sample ID: 1008361-01A ms Units: µg/sample Analysis Date: 8/18/2010 09:52 AM Prep Date: 8/17/2010 Client ID: Run ID: ICP3_100818B SeqNo: 138823 DF: 1 RPD Ref RPD SPK Ref Control Value Limit Value Limit SPK Val %RPD Qual Analyte Result PQL %REC 0 Arsenic 449.7 25 450 1.215 99.7 75-125 Chromium 458.1 25 450 10.53 99.5 75-125 0 464.8 25 450 12.64 100 75-125 0 Lead 500.8 57.24 0 Manganese 25 450 98.6 75-125 **MSD** Sample ID: 1008361-01A msd Units: µg/sample Analysis Date: 8/18/2010 09:58 AM Client ID: Run ID: ICP3_100818B SeqNo: 138824 Prep Date: 8/17/2010 DF: 1 SPK Ref RPD Control RPD Ref Value Limit Value Limit %REC %RPD Qual Analyte Result **PQL** SPK Val Arsenic 456.3 25 450 1.215 101 75-125 449.7 1.46 Chromium 464.8 25 450 10.53 101 75-125 458.1 1.46 450 Lead 464 25 12.64 100 75-125 464.8 0.194 512.1 25 450 57.24 101 500.8 2.22 Manganese 75-125 The following samples were analyzed in this batch: 1008362-01A 1008362-02A 1008362-03A 1008362-04A 1008362-05A 1008362-06A

Note:

QC BATCH REPORT

Date: 23-Aug-10 **ALS Environmental**

Client: SCS Tracer Environmental

QUALIFIERS, ACRONYMS, UNITS **Project:** Hunter's Point; Source #: 24210032.00

WorkOrder: 1008362

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
	Wattix Spike Dupiteate
PDS	Post Digestion Spike
PDS	Post Digestion Spike

Units Reported Description

 $\mu g/sample$

ALS Environmental

Sample Receipt Checklist

Client Name:	SCSTRACER-SANMARCOS				Date/Time F	Received:	<u>17-Aug</u>	<u>-10 11:</u>	<u>08</u>	
Work Order:	1008362				Received by	r.	<u>JNW</u>			
Checklist comple	eted by: K rystan K raillet	17	7-Aug-10 Date	Re	viewed by:	Steve Wi	lcox			17-Aug-10 Date
Matrices: Carrier name:	<u>UPS</u>									
Shipping contain	er/cooler in good condition?		Yes [✓	No 🗆	Not Prese	ent 🗆			
Custody seals int	tact on shipping container/cooler?		Yes [No 🗌	Not Prese	ent 🔽			
Custody seals int	tact on sample bottles?		Yes [No 🗌	Not Prese	ent 🔽			
Chain of custody	present?		Yes	✓	No 🗌					
Chain of custody	signed when relinquished and re	ceived?	Yes [✓	No \square					
Chain of custody	agrees with sample labels?		Yes [✓	No 🗌					
Samples in prope	er container/bottle?		Yes [✓	No 🗌					
Sample container	rs intact?		Yes [✓	No 🗆					
Sufficient sample	e volume for indicated test?		Yes [✓	No 🗌					
All samples recei	ived within holding time?		Yes [✓	No 🗆					
Container/Temp	Blank temperature in compliance?	>	Yes [✓	No 🗌					
Temperature(s)/1	Γhermometer(s):									
Cooler(s)/Kit(s):										
Water - VOA vial	s have zero headspace?		Yes [No 🗏	No VOA vials	submitte	ed 🔳		
Water - pH accep	ptable upon receipt?		Yes [No 🔳	N/A				
pH adjusted? pH adjusted by:			Yes [No 🔳	N/A				
Login Notes:										
						- — — —				
0 11 -					_					
Client Contacted:	:	Date Contacted:			Person	Contacted:				
Contacted By:		Regarding:								
Comments:										
CorrectiveAction:	:									

ANALYTICAL REQUEST FORM

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



DISH Status Box	uested - ADDITIONAL CHARGE
RESULTS REQUI	
	DATE
CONTACT ALS F	PRIOR TO SENDING SAMPLES

			RESUL	TS REQUIRED BYDATE					
	(A	LS)	CONTA	CT ALS PRIOR TO SENDING SAMPLES					
1.1									
2. Date 8 18 10	Purchase Order No.	24210032.00		4. Quote No.					
3. Company Name SC	S Tracer Environme	ntal		ALS Project Manager = Stella Hanis					
Address 970 Los Val	lecitos Blvd., Suite 100			5. Sample Collection					
San Marcos, CA 920	69			Sampling Site ERRG / Hunter's Point					
Person to Contact Pa	aul Schafer			Industrial Process					
Telephone (760) 744	-9611			Date of Collection AS NOTED					
Fax Telephone (760)	744-8616	Time Collected							
	afer@scsengineer.com			Date of Shipment					
Billing Address (if diffe				Chain of Custody No.					
-				-					
-		Lo		-					
. REQUEST FOR ANAL	YSES	10(18530						
Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**				
01	3-138-262	AIR 8/6/10		Pb, Mn, Cr, As					
02	1-TSP-258	AIRSILIO		11					
03	3-130-270	AIR Stalia		- 1					
04	1-13P-266	AIR Sholie		- si					
05	3-138-274	AIR 8/11/10		* 1					
06	1-731-278	AR 8/11/10		-1					
70	1-TSP- 282	AIR 8/12/10							
08	3-158-286	ATR Shalis		"					
				e; Blood; Urine; Tissue; Soil; Water; Other or more units in the column entitled Units**					
annible Contamination of	adles Chadrical Haranda								
ossible Contamination an	Themical mazaros			-1-1					
elinquished by	A DA	117		Date/Time 5 18 0 0 5	1.0				
eceived by	Mailler	ALS		Date/Time 8 14/10 12:22	up				
elinquished by				Date/Time					
eceived by				Date/Time					
elinquished by				Date/Time					
eceived by				Date/Time					

4388 Glendale-Milford Road, Cincinnati, OH 45242

800-280-8071 or 800-458-1493 / FAX: 775-213-8852



27-Aug-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG / Hunter's Point Work Order: 1008530

Dear Jim,

ALS Environmental received 8 samples on 24-Aug-2010 12:22 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 9.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Chris Gibson

Rob Nieman Analyst

Client: SCS Tracer Environmental Project: ERRG / Hunter's Point

Work Order: 1008530

Work Order Sample Summary

Lab Samp II	Client Sample ID	<u>Matrix</u>	Tag Number	Collection Date	Date Received	Hold
1008530-01	3-TSP-262	Filter		8/6/2010	8/24/2010 12:22	
1008530-02	1-TSP-258	Filter		8/6/2010	8/24/2010 12:22	
1008530-03	3-TSP-270	Filter		8/10/2010	8/24/2010 12:22	
1008530-04	1-TSP-266	Filter		8/10/2010	8/24/2010 12:22	
1008530-05	3-TSP-274	Filter		8/11/2010	8/24/2010 12:22	
1008530-06	1-TSP-278	Filter		8/11/2010	8/24/2010 12:22	
1008530-07	1-TSP-282	Filter		8/12/2010	8/24/2010 12:22	
1008530-08	3-TSP-286	Filter		8/12/2010	8/24/2010 12:22	

Client: SCS Tracer Environmental
Project: ERRG / Hunter's Point

Work Order: 1008530

Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental Work Order: 1008530

Project: ERRG / Hunter's Point

Lab ID: 1008530-01A **Collection Date:** 8/6/2010

Client Sample ID: 3-TSP-262 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/2010	0 Analyst: TAB
Arsenic	ND		25	µg/sample	1	8/26/2010 05:42 AM
Chromium	ND		25	µg/sample	1	8/26/2010 05:42 AM
Lead	ND		25	µg/sample	1	8/26/2010 05:42 AM
Manganese	ND		25	µg/sample	1	8/26/2010 05:42 AM

Lab ID: 1008530-02A **Collection Date:** 8/6/2010

Client Sample ID: 1-TSP-258 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/201	O Analyst: TAB
Arsenic	ND		25	µg/sample	1	8/26/2010 06:01 AM
Chromium	ND		25	µg/sample	1	8/26/2010 06:01 AM
Lead	ND		25	µg/sample	1	8/26/2010 06:01 AM
Manganese	43		25	μg/sample	1	8/26/2010 06:01 AM

Client Sample ID: 3-TSP-270 Matrix: FILTER

Analyses	Result (Report l Limit Units		Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/201	O Analyst: TAB		
Arsenic	ND		25	µg/sample	1	8/26/2010 06:08 AM		
Chromium	ND		25	µg/sample	1	8/26/2010 06:08 AM		
Lead	ND		25	µg/sample	1	8/26/2010 06:08 AM		
Manganese	ND		25	µg/sample	1	8/26/2010 06:08 AM		

Client: SCS Tracer Environmental Work Order: 1008530

Project: ERRG / Hunter's Point

Lab ID: 1008530-04A **Collection Date:** 8/10/2010

Client Sample ID: 1-TSP-266 Matrix: FILTER

Analyses	Result	Report Qual Limit Units		Units	Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/2010	Analyst: TAB		
Arsenic	ND		25	µg/sample	1	8/26/2010 06:14 AM		
Chromium	ND		25	µg/sample	1	8/26/2010 06:14 AM		
Lead	ND		25	µg/sample	1	8/26/2010 06:14 AM		
Manganese	56		25	μg/sample	1	8/26/2010 06:14 AM		

Lab ID: 1008530-05A **Collection Date:** 8/11/2010

Client Sample ID: 3-TSP-274 Matrix: FILTER

Analyses	Result	Report Qual Limit Uni		Units	Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/201 (Analyst: TAB		
Arsenic	ND		25	μg/sample	1	8/26/2010 06:21 AM		
Chromium	ND		25	μg/sample	1	8/26/2010 06:21 AM		
Lead	ND		25	µg/sample	1	8/26/2010 06:21 AM		
Manganese	33		25	μg/sample	1	8/26/2010 06:21 AM		

Lab ID: 1008530-06A **Collection Date:** 8/11/2010

Client Sample ID: 1-TSP-278 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/2010	Analyst: TAB		
Arsenic	ND		25	μg/sample	1	8/26/2010 06:27 AM		
Chromium	ND		25	μg/sample	1	8/26/2010 06:27 AM		
Lead	ND		25	μg/sample	1	8/26/2010 06:27 AM		
Manganese	ND		25	µg/sample	1	8/26/2010 06:27 AM		

Client: SCS Tracer Environmental Work Order: 1008530

Project: ERRG / Hunter's Point

Lab ID: 1008530-07A **Collection Date:** 8/12/2010

Client Sample ID: 1-TSP-282 Matrix: FILTER

Analyses	Result	Qual	Report Qual Limit Units		Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/2010	0 Analyst: TAB		
Arsenic	ND		25	µg/sample	1	8/26/2010 07:00 AM		
Chromium	ND		25	µg/sample	1	8/26/2010 07:00 AM		
Lead	ND		25	µg/sample	1	8/26/2010 07:00 AM		
Manganese	54		25	μg/sample	1	8/26/2010 07:00 AM		

Lab ID: 1008530-08A **Collection Date:** 8/12/2010

Client Sample ID: 3-TSP-286 Matrix: FILTER

Analyses	Result	Result Qual Limit Uni		Units	Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 8/25/2010	Analyst: TAB		
Arsenic	ND		25	µg/sample	1	8/26/2010 07:07 AM		
Chromium	ND		25	µg/sample	1	8/26/2010 07:07 AM		
Lead	ND		25	µg/sample	1	8/26/2010 07:07 AM		
Manganese	ND		25	µg/sample	1	8/26/2010 07:07 AM		

Date: 27-Aug-10

Client: SCS Tracer Environmental

Work Order: 1008530

Project: ERRG / Hunter's Point

QC BATCH REPORT

Batch ID: 28	49	Instrument ID ICP	2		Method	l: E12							
MBLK	Sample ID:	MBLK-2849-2849					L	Jnits: µg/s	ample	Analys	is Date:	8/26/2010	05:29 AN
Client ID:			Run ID	: ICP2_1	00826A		Se	qNo: 140 9	935	Prep Date: 8/2	5/2010	DF: 1	
Analyte		R	esult	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			ND	25									
Chromium			10.4	25									J
Lead			0.09	25									J
Manganese			0.18	25									J
LCS	Sample ID:	LCS-2849-2849					L	Jnits: µg/s	ample	Analys	is Date:	8/26/2010	05:35 AN
Client ID:			Run ID	: ICP2_1	00826A		Se	qNo: 140 9	936	Prep Date: 8/2	5/2010	DF: 1	
Analyte		R	esult	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			151.8	25	450		0	100	75-125	C)		
Chromium			149.8	25	450		0	100	75-125	C			
Lead			443	25	450		0	98.4	75-125	C			
Manganese		4	138.9	25	450		0	97.5	75-125	C			
Client ID: 3-1	TSP-262		Run ID	: ICP2_1	00826A		Se	qNo: 140 9	938	Prep Date: 8/2	5/2010	DF: 1	
Analyte		R	esult	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		4	165.3	25	450	0.8	81	103	75-125	C)		
Chromium			459	25	450	6.3	39	101	75-125	C)		
Lead		4	143.2	25	450	5.0	04	97.4	75-125	C)		
Manganese			464	25	450	13	3.1	100	75-125	C)		
MSD	Sample ID:	1008530-01a msd					l	Jnits: µg/s	ample	Analys	is Date:	8/26/2010	05:55 AM
Client ID: 3-1	TSP-262		Run ID	: ICP2_1	00826A		Se	qNo: 140 9	939	Prep Date: 8/2	5/2010	DF: 1	
						SPK Ref			Control	RPD Ref		RPD	
Analyte		R	esult	PQL	SPK Val	Value		%REC	Limit	Value	%RPD	Limit	Qual
Arsenic			162.2	25	450	0.8		103	75-125	465.3			
Chromium			155.8	25	450	6.3		99.9	75-125				
Lead			140.5	25	450	5.0		96.8	75-125				
Manganese		4	158.1	25	450	13	3.1	98.9	75-125	464	1.2	7	
The followin	ng samples v	vere analyzed in this	batch:	10	008530-01a 008530-04a 008530-07a	10	0085	30-02a 30-05a 30-08a		08530-03a 08530-06a			

Date: 27-Aug-10 **ALS Environmental**

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS **Project:** ERRG / Hunter's Point

WorkOrder: 1008530

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit

Units Reported Description

 $\mu g/sample$

ALS Environmental

Sample Receipt Checklist

Client Name: SCSTRACER-SANMARCOS					Date/Time F	24-Aug-10 12:22					
Work Order:	<u>100853</u>	<u>0</u>				Received by	r.	<u>KLK</u>			
Checklist compl	leted by	Steve Wilcox esignature		24-Aug-10 Date)	Reviewed by:	J an Wil	COX			24-Aug-10 Date
Matrices: Carrier name:	<u>UPS</u>										
Shipping contain	ner/coole	r in good condition?		Yes	✓	No 🗆	Not Prese	ent			
Custody seals in	ntact on s	hipping container/cooler?		Yes		No 🗆	Not Prese	ent	✓		
Custody seals in	ntact on s	ample bottles?		Yes		No 🗆	Not Prese	ent	✓		
Chain of custod	ly present	?		Yes	✓	No 🗆					
Chain of custod	ly signed	when relinquished and re	ceived?	Yes	V	No 🗆					
Chain of custod	ly agrees	with sample labels?		Yes	✓	No \square					
Samples in prop	oer contai	ner/bottle?		Yes	✓	No 🗌					
Sample containe	ers intact	?		Yes	✓	No \square					
Sufficient samp	le volume	for indicated test?		Yes	✓	No \square					
All samples rece	eived with	in holding time?		Yes	✓	No \square					
Container/Temp	Blank te	mperature in compliance?	•	Yes	✓	No 🗌					
Temperature(s)	/Thermon	neter(s):									
Cooler(s)/Kit(s):	:										
Water - VOA via	als have z	ero headspace?		Yes		No 🔲	No VOA vials	submit	ted		
Water - pH acce	eptable up	oon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:				Yes -		No 🔲	N/A				
Login Notes:											
							- — — —				
							- — — — —				
Client Contacted	d:		Date Contacted	1		Person	Contacted:				
Contacted By:			Regarding:								
Comments:											
- 2											
CorrectiveAction	n:										
										CDC F)ogo 1 of 1



03-Sep-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG / Hunters Point Work Order: 1009034

Dear Jim,

ALS Environmental received 6 samples on 01-Sep-2010 12:31 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Chris Gibson

Rob Nieman Analyst ALS Environmental Date: 03-Sep-10

Client: SCS Tracer Environmental Project: ERRG / Hunters Point

Work Order: 1009034

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1009034-01	1-TSP-290	Air		8/16/2010	9/1/2010 12:31	
1009034-02	3-TSP-294	Air		8/16/2010	9/1/2010 12:31	
1009034-03	3-TSP-302	Air		8/17/2010	9/1/2010 12:31	
1009034-04	1-TSP-298	Air		8/17/2010	9/1/2010 12:31	
1009034-05	1-TSP-307	Air		8/18/2010	9/1/2010 12:31	
1009034-06	3-TSP-311	Air		8/18/2010	9/1/2010 12:31	

ALS Environmental

Date: 03-Sep-10

Client: SCS Tracer Environmental
Project: ERRG / Hunters Point

Work Order: 1009034

Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

ALS Environmental Date: 03-Sep-10

Client: SCS Tracer Environmental Work Order: 1009034

Project: ERRG / Hunters Point

Lab ID: 1009034-01A **Collection Date:** 8/16/2010

Client Sample ID: 1-TSP-290 Matrix: AIR

Analyses	Result	Qual	Report		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/2/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/2/2010 12:13 PM
Chromium	ND		25	µg/sample	1	9/2/2010 12:13 PM
Lead	ND		25	µg/sample	1	9/2/2010 12:13 PM
Manganese	56		25	μg/sample	1	9/2/2010 12:13 PM

Lab ID: 1009034-02A **Collection Date:** 8/16/2010

Client Sample ID: 3-TSP-294 Matrix: AIR

Analyses	Result	Report Qual Limit Units		Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/2/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	. 1	9/2/2010 12:33 PM
Chromium	ND		25	µg/sample	1	9/2/2010 12:33 PM
Lead	ND		25	µg/sample	1	9/2/2010 12:33 PM
Manganese	ND		25	µg/sample	1	9/2/2010 12:33 PM

Lab ID: 1009034-03A **Collection Date:** 8/17/2010

Client Sample ID: 3-TSP-302 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/2/2010	Analyst: TAB
Arsenic	ND		25	μg/sample	1	9/2/2010 12:39 PM
Chromium	ND		25	μg/sample	1	9/2/2010 12:39 PM
Lead	ND		25	μg/sample	1	9/2/2010 12:39 PM
Manganese	ND		25	µg/sample	1	9/2/2010 12:39 PM

ALS Environmental Date: 03-Sep-10

Client: SCS Tracer Environmental Work Order: 1009034

Project: ERRG / Hunters Point

Lab ID: 1009034-04A **Collection Date:** 8/17/2010

Client Sample ID: 1-TSP-298 Matrix: AIR

Analyses	Result	Qual	Report Qual Limit Units		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/2/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/2/2010 12:46 PM
Chromium	ND		25	µg/sample	1	9/2/2010 12:46 PM
Lead	ND		25	µg/sample	1	9/2/2010 12:46 PM
Manganese	33		25	μg/sample	1	9/2/2010 12:46 PM

Lab ID: 1009034-05A **Collection Date:** 8/18/2010

Client Sample ID: 1-TSP-307 Matrix: AIR

Analyses	Result	Report Qual Limit Units		Dilution Factor Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/2/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/2/2010 12:52 PM
Chromium	ND		25	µg/sample	1	9/2/2010 12:52 PM
Lead	ND		25	µg/sample	1	9/2/2010 12:52 PM
Manganese	33		25	μg/sample	1	9/2/2010 12:52 PM

Lab ID: 1009034-06A **Collection Date:** 8/18/2010

Client Sample ID: 3-TSP-311 Matrix: AIR

Analyses	Result	Qual	Report Limit Units		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/2/2010	Analyst: TAB
Arsenic	ND		25	μg/sample	1	9/2/2010 12:59 PM
Chromium	ND		25	μg/sample	1	9/2/2010 12:59 PM
Lead	ND		25	μg/sample	1	9/2/2010 12:59 PM
Manganese	ND		25	μg/sample	1	9/2/2010 12:59 PM

Date: 03-Sep-10

QC BATCH REPORT

Client: SCS Tracer Environmental

Work Order: 1009034

Project: ERRG / Hunters Point

Batch ID: 29	45	Instrument ID ICP2		Method	d: E12						
MBLK	Sample ID:	MBLK-2945-2945				Units: µg/	sample	Analys	is Date: 9	/2/2010 11	1:21 AN
Client ID:		R	un ID: ICP2 _1	00902A		SeqNo: 144	473	Prep Date: 9/2/	2010	DF: 1	
A1 4 -		D It	DOI	ODKV	SPK Ref Value	0/ DEO	Control Limit	RPD Ref Value	0/ DDD	RPD Limit	Oue
Analyte		Result	PQL	SPK Val	Value	%REC	Liiiit	Value	%RPD		Qua
Arsenic		ND									
Chromium		ND	25								
Lead		3.735	25								J
Manganese		1.89	25								J
LCS	Sample ID:	LcS-2945-2945				Units: µg/	sample	Analys	is Date: 9	/2/2010 11	1:27 AN
Client ID:		R	un ID: ICP2 _1	00902A		SeqNo: 144	474	Prep Date: 9/2/	2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		463	25	450		0 103	75-125	0			
Chromium		470.2	25	450		0 104	75-125	0			
Lead		458.1	25	450		0 102	75-125	0			
Manganese		442.3	25	450		0 98.3	75-125	0			
MS	Sample ID:	1009033-01a ms				Units: µg/	sample	Analys	is Date: 9	/2/2010 11	1:40 Al
Client ID:		R	un ID: ICP2 _1	00902A		SeqNo: 144	476	Prep Date: 9/2/	2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		458.1	25	450	2.9	7 101	75-125	0			
Chromium		459.9	25	450	-4.7	77 103	75-125	0			
Lead		449.3	25	450	7.6	98.1	75-125	0			
Manganese		448.9	25	450	27.2	93.7	75-125	0			
MSD	Sample ID:	1009033-01a msd				Units: µg/	sample	Analys	is Date: 9	/2/2010 11	1:47 AI
Client ID:		R	un ID: ICP2 _1	00902A		SeqNo: 144	477	Prep Date: 9/2/	2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		458.6		450	2.9		75-125	458.1	0.0982		
Chromium		467.6		450 450	-4.7		75-125 75-125				
		450		450	7.6		75-125				
Lead											
Lead Manganese		446	25	450	27.2	27 93	75-125	440.3	0.004		

Date: 03-Sep-10 **ALS Environmental**

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS **Project:** ERRG / Hunters Point

WorkOrder: 1009034

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
Units Reported	Description

μg/sample

QF Page 1 of 1

ALS Environmental

Sample Receipt Checklist

Client Name:	SCSTR	RACER-SANMARCOS				Date/Time F	Received:	<u>01-</u>	Sep-10	12:31	
Work Order:	100903	<u>14</u>				Received by	/ :	<u>JN\</u>	<u>w</u>		
Checklist comple	eted by	J an Wilcox eSignature		01-Sep-10	<u></u>	Reviewed by:	R 0b N				02-Sep-10 Date
Matrices: Carrier name:	<u>UPS</u>										
Shipping contain	er/coole	r in good condition?		Yes	✓	No \square	Not P	resent			
Custody seals in	tact on s	shipping container/cooler?		Yes		No 🗌	Not P	resent	\checkmark		
Custody seals in	tact on s	sample bottles?		Yes		No 🗌	Not P	resent	~		
Chain of custody	/ presen	t?		Yes	~	No \square					
Chain of custody	/ signed	when relinquished and re-	ceived?	Yes	V	No 🗆					
Chain of custody	agrees	with sample labels?		Yes	✓	No \square					
Samples in prop	er contai	iner/bottle?		Yes	V	No 🗌					
Sample containe	ers intact	?		Yes	✓	No 🗆					
Sufficient sample	e volume	e for indicated test?		Yes	✓	No 🗆					
All samples rece	ived with	nin holding time?		Yes	V	No 🗆					
Container/Temp	Blank te	emperature in compliance?	?	Yes	✓	No 🗌					
Temperature(s)/	Thermor	meter(s):									
Cooler(s)/Kit(s):											
Water - VOA via	ls have a	zero headspace?		Yes		No 🗏	No VOA v	rials subr	mitted		
Water - pH acce	ptable u	pon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:				Yes -		No 🔳	N/A				
Login Notes:	<u>volu</u>	umes not provided.									
								. — — -			
Client Contacted	ı -		Date Contacted:			Dercon	Contacted				
Contacted By:			Regarding:	•		1 613011	Contacted.				
Contacted by.			rrogarding.								
Comments:											
CorrectiveAction	:										



23-Sep-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG / Hunter's Point Work Order: 1009445

Dear Jim,

ALS Environmental received 5 samples on 21-Sep-2010 11:49 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Rob Nieman

Rob Nieman Analyst ALS Environmental Date: 23-Sep-10

Client: SCS Tracer Environmental Project: ERRG / Hunter's Point

Work Order: 1009445

Work Order Sample Summary

Lab Samp II	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1009445-01	1-TSP-371	Filter		9/7/2010	9/21/2010 11:49	
1009445-02	4-TSP-375	Filter		9/7/2010	9/21/2010 11:49	
1009445-03	1-TSP-379	Filter		9/8/2010	9/21/2010 11:49	
1009445-04	4-TSP-383	Filter		9/8/2010	9/21/2010 11:49	
1009445-05	1-TSP-387	Filter		9/9/2010	9/21/2010 11:49	

ALS Environmental

Date: 23-Sep-10

Client: SCS Tracer Environmental
Project: ERRG / Hunter's Point

Work Order: 1009445

Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

ALS Environmental

Date: 23-Sep-10

Client: SCS Tracer Environmental Work Order: 1009445

Project: ERRG / Hunter's Point

Lab ID: 1009445-01A **Collection Date:** 9/7/2010

Client Sample ID: 1-TSP-371 Matrix: FILTER

Analyses	Result	Qual	Report l Limit Units		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/21/2010	O Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/22/2010 04:29 AM
Chromium	ND		25	µg/sample	1	9/22/2010 04:29 AM
Lead	ND		25	µg/sample	1	9/22/2010 04:29 AM
Manganese	35		25	μg/sample	1	9/22/2010 04:29 AM

Lab ID: 1009445-02A **Collection Date:** 9/7/2010

Client Sample ID: 4-TSP-375 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/21/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/22/2010 04:48 AM
Chromium	ND		25	µg/sample	1	9/22/2010 04:48 AM
Lead	ND		25	µg/sample	1	9/22/2010 04:48 AM
Manganese	ND		25	µg/sample	1	9/22/2010 04:48 AM

Lab ID: 1009445-03A **Collection Date:** 9/8/2010

Client Sample ID: 1-TSP-379 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/21/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/22/2010 04:55 AM
Chromium	ND		25	μg/sample	1	9/22/2010 04:55 AM
Lead	ND		25	μg/sample	1	9/22/2010 04:55 AM
Manganese	ND		25	µg/sample	1	9/22/2010 04:55 AM

ALS Environmental

Date: 23-Sep-10

Client: SCS Tracer Environmental Work Order: 1009445

Project: ERRG / Hunter's Point

Lab ID: 1009445-04A **Collection Date:** 9/8/2010

Client Sample ID: 4-TSP-383 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/21/2010	O Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/22/2010 05:01 AM
Chromium	ND		25	µg/sample	1	9/22/2010 05:01 AM
Lead	ND		25	μg/sample	1	9/22/2010 05:01 AM
Manganese	ND		25	μg/sample	1	9/22/2010 05:01 AM

Lab ID: 1009445-05A **Collection Date:** 9/9/2010

Client Sample ID: 1-TSP-387 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/21/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/22/2010 05:08 AM
Chromium	ND		25	µg/sample	1	9/22/2010 05:08 AM
Lead	ND		25	µg/sample	1	9/22/2010 05:08 AM
Manganese	ND		25	µg/sample	1	9/22/2010 05:08 AM

Date: 23-Sep-10

QC BATCH REPORT

Client: SCS Tracer Environmental

Work Order: 1009445

Project: ERRG / Hunter's Point

Batch ID: 31	69	Instrument ID: ICP2		Method	d: E12						
MBLK	Sample ID:	MBLK-3169-3169				Units: µg/s	sample	Analys	sis Date: 9/	22/2010 0	4:16 AI
Client ID:		R	un ID: ICP2_1	00922B		SeqNo: 151 :	360	Prep Date: 9/21	I/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		ND	25								
Chromium		5.22	25								J
Lead		ND	25								
Manganese		0.135	25								J
LCS	Sample ID:	LCS-3169-3169				Units: µg/s	sample	Analys	sis Date: 9/	22/2010 0	4:22 A
Client ID:		R	un ID: ICP2_1	00922B		SeqNo: 151 ;	361	Prep Date: 9/21	1/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		461.7	25	450	() 103	75-125	0			
Chromium		422.7	25	450	(93.9	75-125	0			
Lead		457.6	25	450	(102	75-125	0			
Manganese		410	25	450	(91.1	75-125	0			
MS	Sample ID:	1009445-01a ms				Units: µg/s	sample	Analys	sis Date: 9/	22/2010 0	4:35 A
Client ID: 1-1	TSP-371	R	un ID: ICP2_1	00922B		SeqNo: 151 :	363	Prep Date: 9/21	1/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		469.8	25	450	1.125	5 104	75-125	0			
Chromium		440.6	25	450	9.765	5 95.7	75-125	0			
Lead		453.6	25	450	3.33	3 100	75-125	0			
Manganese		452.7	25	450	35.06	92.8	75-125	0			
MSD	Sample ID:	1009445-01a msd				Units: µg/s	sample	Analys	sis Date: 9/	22/2010 0	4:42 A
Client ID: 1-1	TSP-371	R	un ID: ICP2_1	00922B		SeqNo: 151 ;	364	Prep Date: 9/21	1/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Arsenic		467.6	25	450	1.125	5 104	75-125	469.8	0.48		
AISEIIC		432.7		450	9.765		75-125	440.6			
Chromium				450	3.33		75-125	453.6	1.42		
		447.2	25	100							
Chromium		447.2 454		450	35.06		75-125	452.7	0.298		

Date: 23-Sep-10 **ALS Environmental**

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS **Project:** ERRG / Hunter's Point

WorkOrder: 1009445

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
Е	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit

Units Reported Description

 $\mu g/sample$

ALS Environmental

Sample Receipt Checklist

Client Name:	SCSTRACER-SANMARCOS				Date/Time F	Receive	ed: <u>21</u>	-Sep-10	<u>11:49</u>	
Work Order:	1009445				Received by	y:	<u>S.</u>	<u>JW</u>		
Checklist comple	eted by: Steve Wilcox eSignature		Sep-10 Date	_	Reviewed by:		rystan K	railler		21-Sep-10 Date
Matrices: Carrier name:	<u>UPS</u>	'								'
Shipping contain	ner/cooler in good condition?		Yes	✓	No \square	N	ot Present			
Custody seals in	ntact on shipping container/cooler?		Yes		No 🗆	N	ot Present	✓		
Custody seals in	ntact on sample bottles?		Yes		No 🗆	N	ot Present	✓		
Chain of custody	y present?		Yes	✓	No 🗌					
Chain of custody	y signed when relinquished and re	ceived?	Yes	✓	No 🗌					
Chain of custody	y agrees with sample labels?		Yes	✓	No 🗌					
Samples in prop	er container/bottle?		Yes	✓	No 🗆					
Sample containe	ers intact?		Yes	✓	No \square					
Sufficient sampl	e volume for indicated test?		Yes	✓	No \square					
All samples rece	eived within holding time?		Yes	✓	No \square					
Container/Temp	Blank temperature in compliance	?	Yes	✓	No \square					
Temperature(s)/	Thermometer(s):									
Cooler(s)/Kit(s):									_	
Water - VOA via	als have zero headspace?		Yes		No 🔲	No VC	A vials sub	omitted		
Water - pH acce	eptable upon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:			Yes		No 🔲	N/A				
Login Notes:										
	- — — — — — — — —									
								· 		
0.11					_					
Client Contacted	1:	Date Contacted:			Person	Contac	ted:			
Contacted By:		Regarding:								
Comments:										
CorrectiveAction	1:									
									CDC I	Dogo 1 of 1



01-Oct-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG/Hunter's Point; Source #: 24210032.00 Work Order: 1009654

Dear Jim,

ALS Environmental received 8 samples on 28-Sep-2010 12:50 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 9.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Rob Nieman

Rob Nieman Analyst

Client: SCS Tracer Environmental

Project: ERRG/Hunter's Point; Source #: 24210032.00

Work Order: 1009654

Work Order Sample Summary

Lab Samp II	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1009654-01	4-TSP-399	Air		9/13/2010	9/28/2010 12:50	
1009654-02	1-TSP-395	Air		9/13/2010	9/28/2010 12:50	
1009654-03	3-TSP-407	Air		9/14/2010	9/28/2010 12:50	
1009654-04	1-TSP-403	Air		9/14/2010	9/28/2010 12:50	
1009654-05	4-TSP-415	Air		9/15/2010	9/28/2010 12:50	
1009654-06	1-TSP-411	Air		9/15/2010	9/28/2010 12:50	
1009654-07	4-TSP-423	Air		9/16/2010	9/28/2010 12:50	
1009654-08	1-TSP-419	Air		9/16/2010	9/28/2010 12:50	

Client: SCS Tracer Environmental

Project: ERRG/Hunter's Point; Source #: 24210032.00 Case Narrative

Work Order: 1009654

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental Work Order: 1009654

Project: ERRG/Hunter's Point; Source #: 24210032.00

Lab ID: 1009654-01A **Collection Date:** 9/13/2010

Client Sample ID: 4-TSP-399 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	O Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/30/2010 05:50 PM
Chromium	ND		25	μg/sample	1	9/30/2010 05:50 PM
Lead	ND		25	μg/sample	1	9/30/2010 05:50 PM
Manganese	ND		25	µg/sample	1	9/30/2010 05:50 PM

Lab ID: 1009654-02A **Collection Date:** 9/13/2010

Client Sample ID: 1-TSP-395 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/30/2010 06:18 PM
Chromium	ND		25	µg/sample	1	9/30/2010 06:18 PM
Lead	ND		25	µg/sample	1	9/30/2010 06:18 PM
Manganese	26		25	μg/sample	1	9/30/2010 06:18 PM

Lab ID: 1009654-03A **Collection Date:** 9/14/2010

Client Sample ID: 3-TSP-407 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	n Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/30/2010 06:24 PM
Chromium	ND		25	μg/sample	1	9/30/2010 06:24 PM
Lead	ND		25	µg/sample	1	9/30/2010 06:24 PM
Manganese	ND		25	µg/sample	1	9/30/2010 06:24 PM

Client: SCS Tracer Environmental Work Order: 1009654

Project: ERRG/Hunter's Point; Source #: 24210032.00

Lab ID: 1009654-04A **Collection Date:** 9/14/2010

Client Sample ID: 1-TSP-403 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	0 Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/30/2010 06:30 PM
Chromium	ND		25	µg/sample	1	9/30/2010 06:30 PM
Lead	ND		25	µg/sample	1	9/30/2010 06:30 PM
Manganese	42		25	μg/sample	1	9/30/2010 06:30 PM

Lab ID: 1009654-05A **Collection Date:** 9/15/2010

Client Sample ID: 4-TSP-415 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	Analyst: TAB
Arsenic	ND		25	μg/sample	1	9/30/2010 06:36 PM
Chromium	ND		25	μg/sample	1	9/30/2010 06:36 PM
Lead	ND		25	μg/sample	1	9/30/2010 06:36 PM
Manganese	ND		25	µg/sample	1	9/30/2010 06:36 PM

Lab ID: 1009654-06A **Collection Date:** 9/15/2010

Client Sample ID: 1-TSP-411 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	Analyst: TAB
Arsenic	ND		25	μg/sample	1	9/30/2010 06:42 PM
Chromium	ND		25	µg/sample	1	9/30/2010 06:42 PM
Lead	ND		25	µg/sample	1	9/30/2010 06:42 PM
Manganese	46		25	μg/sample	1	9/30/2010 06:42 PM

Client: SCS Tracer Environmental Work Order: 1009654

Project: ERRG/Hunter's Point; Source #: 24210032.00

Lab ID: 1009654-07A **Collection Date:** 9/16/2010

Client Sample ID: 4-TSP-423 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	O Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/30/2010 06:48 PM
Chromium	ND		25	μg/sample	1	9/30/2010 06:48 PM
Lead	ND		25	μg/sample	1	9/30/2010 06:48 PM
Manganese	ND		25	µg/sample	1	9/30/2010 06:48 PM

Lab ID: 1009654-08A **Collection Date:** 9/16/2010

Client Sample ID: 1-TSP-419 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 9/30/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	9/30/2010 06:54 PM
Chromium	ND		25	μg/sample	1	9/30/2010 06:54 PM
Lead	ND		25	μg/sample	1	9/30/2010 06:54 PM
Manganese	ND		25	µg/sample	1	9/30/2010 06:54 PM

Date: 01-Oct-10

Client: SCS Tracer Environmental

Work Order: 1009654

Project: ERRG/Hunter's Point; Source #: 24210032.00

QC BATCH REPORT

Batch ID: 32	95	Instrument ID: IC	P1		Method	l: E12							
MBLK	Sample ID:	MBLK-3295-3295					L	Jnits: µg/s	ample	Analys	sis Date: 9/3	30/2010 (05:39 PN
Client ID:			Run	ID: ICP1_1	00930B		SeqNo: 155799		Prep Date: 9/30/2010		DF: 1		
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			0.405	25									J
Chromium			2.385	25									J
Lead			0.72	25									J
Manganese			0.135	25									J
LCS	Sample ID:	LCS-3295-3295					Ų	Jnits: µg/s	ample	Analys	sis Date: 9/3	30/2010 ()5:44 PN
Client ID:			Run	ID: ICP1_1 0	00930B		Se	eqNo: 1558	300	Prep Date: 9/3	0/2010	DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			467.1	25	450		0	104	75-125	C	1		
Chromium			451.8	25	450		0	100	75-125	C			
Lead			467.6	25	450		0	104	75-125	C			
Manganese			450	25	450		0	100	75-125	C			
MS	Sample ID:	1009654-01a ms					ι	Jnits: µg/s	ample	Analys	sis Date: 9/3	30/2010 ()5:56 PM
Client ID: 4-1	TSP-399		Run	ID: ICP1_1	00930B		Se	eqNo: 1558	302	Prep Date: 9/3	0/2010	DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			451.4	25	450	0).9	100	75-125	C)		
Chromium			432.6	25	450	5.17	75	95	75-125	C	1		
Lead			425	25	450	3.0	15	93.8	75-125	C)		
Manganese			432	25	450	10.7	76	93.6	75-125	C	1		
MSD	Sample ID:	1009654-01a msd					Į	Jnits: µg/s	ample	Analys	sis Date: 9/3	30/2010 (06:13 PM
Client ID: 4-1	TSP-399		Run	ID: ICP1_1 0	00930B		Se	eqNo: 1558	303	Prep Date: 9/3	0/2010	DF: 1	
						SPK Ref			Control	RPD Ref		RPD	
Analyte			Result	PQL	SPK Val	Value		%REC	Limit	Value	%RPD	Limit	Qual
Arsenic			447.1	25	450	0).9	99.2	75-125	451.4	0.952		
Chromium			429.3	25	450	5.17	75	94.3	75-125	432.6	0.762		
Lead			426.9	25	450	3.0	15	94.2	75-125	425	0.433		
Manganese			434.7	25	450	10.7	76	94.2	75-125	432	0.623		
The followin	ng samples v	vere analyzed in th	is batch:	10	09654-01a 09654-04a 09654-07a	10	096	54-02a 54-05a 54-08a		09654-03a 09654-06a			

Client: SCS Tracer Environmental

QUALIFIERS, ACRONYMS, UNITS **Project:** ERRG/Hunter's Point; Source #: 24210032.00

WorkOrder: 1009654

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DID	
DUP	Method Duplicate
LCS	Method Duplicate Laboratory Control Sample
_	•
LCS	Laboratory Control Sample
LCS LCSD	Laboratory Control Sample Laboratory Control Sample Duplicate
LCS LCSD MBLK	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank
LCS LCSD MBLK MDL	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit
LCS LCSD MBLK MDL MQL	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit Method Quantitation Limit
LCS LCSD MBLK MDL MQL MS	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit Method Quantitation Limit Matrix Spike
LCS LCSD MBLK MDL MQL MS	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit Method Quantitation Limit Matrix Spike Matrix Spike Duplicate
LCS LCSD MBLK MDL MQL MS MSD PDS	Laboratory Control Sample Laboratory Control Sample Duplicate Method Blank Method Detection Limit Method Quantitation Limit Matrix Spike Matrix Spike Duplicate Post Digestion Spike

Units Reported Description

 $\mu g/sample$

ALS Environmental

Sample Receipt Checklist

Client Name:	SCSTRACER-SANMARCOS				Date/Time F	Received:	28-Se	p-10 12	<u>2:50</u>	
Work Order:	1009654				Received by	r.	<u>SJW</u>			
Checklist comple	eted by: K rystan K raille	r 29	9-Sep-10 Date	. F	Reviewed by:	J an Wi	lcox			29-Sep-10 Date
Matrices: Carrier name:	<u>UPS</u>									
Shipping contain	ner/cooler in good condition?		Yes	✓	No 🗆	Not Pres	ent [
Custody seals in	ntact on shipping container/cooler?	•	Yes		No 🗆	Not Pres	ent [✓		
Custody seals in	ntact on sample bottles?		Yes		No 🗆	Not Pres	ent [✓		
Chain of custody	y present?		Yes	✓	No 🗆					
Chain of custody	y signed when relinquished and re	eceived?	Yes	✓	No 🗆					
Chain of custody	y agrees with sample labels?		Yes	✓	No 🗌					
Samples in prop	er container/bottle?		Yes	✓	No 🗌					
Sample containe	ers intact?		Yes	✓	No 🗆					
Sufficient sample	e volume for indicated test?		Yes	✓	No 🗆					
All samples rece	eived within holding time?		Yes	✓	No 🗆					
Container/Temp	Blank temperature in compliance	?	Yes	✓	No 🗌					
Temperature(s)/	Thermometer(s):									
Cooler(s)/Kit(s):										
Water - VOA via	als have zero headspace?		Yes		No 🔳	No VOA vials	submit	ted		
Water - pH acce	eptable upon receipt?		Yes		No 🔳	N/A				
pH adjusted? pH adjusted by:			Yes		No 🔳	N/A				
Login Notes:										
						. — — — —				
Client Contacted	4.	Date Contacted:			Doroca	Contacted:				
	1.				Person	Contacted.				
Contacted By:		Regarding:								
Comments:										
CorrectiveAction	n:									



07-Oct-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG / Hunter's Point Work Order: 1010100

Dear Jim,

ALS Environmental received 8 samples on 05-Oct-2010 11:54 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 9.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Chris Gibson

Rob Nieman Analyst

Client: SCS Tracer Environmental Project: ERRG / Hunter's Point

Work Order: 1010100

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1010100-01	1-TSP-427	Filter		9/20/2010	10/5/2010 11:54	
1010100-02	4-TSP-431	Filter		9/20/2010	10/5/2010 11:54	
1010100-03	1-TSP-435	Filter		9/21/2010	10/5/2010 11:54	
1010100-04	4-TSP-439	Filter		9/21/2010	10/5/2010 11:54	
1010100-05	1-TSP-443	Filter		9/22/2010	10/5/2010 11:54	
1010100-06	4-TSP-447	Filter		9/22/2010	10/5/2010 11:54	
1010100-07	1-TSP-451	Filter		9/23/2010	10/5/2010 11:54	
1010100-08	4-TSP-455	Filter		9/23/2010	10/5/2010 11:54	

Client: SCS Tracer Environmental
Project: ERRG / Hunter's Point

Work Order: 1010100

Case Narrative

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental **Work Order:** 1010100

ERRG / Hunter's Point **Project:**

Lab ID: 1010100-01A Collection Date: 9/20/2010

Client Sample ID: 1-TSP-427 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/6/2010	0 Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/6/2010 11:34 AM
Chromium	ND		25	µg/sample	1	10/6/2010 11:34 AM
Lead	ND		25	µg/sample	1	10/6/2010 11:34 AM
Manganese	ND		25	µg/sample	1	10/6/2010 11:34 AM

Lab ID: 1010100-02A Collection Date: 9/20/2010

Matrix: FILTER Client Sample ID: 4-TSP-431

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/6/2010	Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/6/2010 12:07 PM
Chromium	ND		25	μg/sample	1	10/6/2010 12:07 PM
Lead	ND		25	µg/sample	1	10/6/2010 12:07 PM
Manganese	ND		25	µg/sample	1	10/6/2010 12:07 PM

Lab ID: 1010100-03A **Collection Date:** 9/21/2010 Client Sample ID: 1-TSP-435

Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/6/2010	Analyst: TAB
Arsenic	ND		25	μg/sample	1	10/6/2010 12:13 PM
Chromium	ND		25	µg/sample	1	10/6/2010 12:13 PM
Lead	ND		25	μg/sample	1	10/6/2010 12:13 PM
Manganese	28		25	μg/sample	1	10/6/2010 12:13 PM

Client: SCS Tracer Environmental Work Order: 1010100

Project: ERRG / Hunter's Point

Lab ID: 1010100-04A **Collection Date:** 9/21/2010

Client Sample ID: 4-TSP-439 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/6/2010	0 Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/6/2010 12:20 PM
Chromium	ND		25	µg/sample	1	10/6/2010 12:20 PM
Lead	ND		25	µg/sample	1	10/6/2010 12:20 PM
Manganese	ND		25	µg/sample	1	10/6/2010 12:20 PM

Lab ID: 1010100-05A **Collection Date:** 9/22/2010

Client Sample ID: 1-TSP-443 Matrix: FILTER

Analyses	Result Qual Limit U			Units	Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/6/201	0 Analyst: TAB		
Arsenic	ND		25	µg/sample	1	10/6/2010 12:26 PM		
Chromium	ND		25	µg/sample	1	10/6/2010 12:26 PM		
Lead	ND		25	µg/sample	1	10/6/2010 12:26 PM		
Manganese	31		25	μg/sample	1	10/6/2010 12:26 PM		

Lab ID: 1010100-06A **Collection Date:** 9/22/2010

Client Sample ID: 4-TSP-447 Matrix: FILTER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed		
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/6/2010	0 Analyst: TAB		
Arsenic	ND		25	µg/sample	1	10/6/2010 12:33 PM		
Chromium	ND		25	μg/sample	1	10/6/2010 12:33 PM		
Lead	ND		25	μg/sample	1	10/6/2010 12:33 PM		
Manganese	ND		25	μg/sample	1	10/6/2010 12:33 PM		

Client: SCS Tracer Environmental Work Order: 1010100

Project: ERRG / Hunter's Point

Lab ID: 1010100-07A **Collection Date:** 9/23/2010

Client Sample ID: 1-TSP-451 Matrix: FILTER

Analyses	Result	Qual	Report		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/6/2010	0 Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/6/2010 12:40 PM
Chromium	ND		25	μg/sample	1	10/6/2010 12:40 PM
Lead	ND		25	μg/sample	1	10/6/2010 12:40 PM
Manganese	ND		25	µg/sample	1	10/6/2010 12:40 PM

Lab ID: 1010100-08A **Collection Date:** 9/23/2010

Client Sample ID: 4-TSP-455 Matrix: FILTER

Analyses	Result	Qual	Report ual Limit Units		Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10	/6/2010 Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/6/2010 12:46 PM
Chromium	ND		25	µg/sample	1	10/6/2010 12:46 PM
Lead	ND		25	µg/sample	1	10/6/2010 12:46 PM
Manganese	ND		25	µg/sample	1	10/6/2010 12:46 PM

Date: 07-Oct-10

Client: SCS Tracer Environmental QC BATCH REPORT

Work Order: 1010100

Project: ERRG / Hunter's Point

Batch ID: 33	61	Instrument ID IC	P2		Method	d: E12							
MBLK	Sample ID:	MBLK-3361-3361					U	nits: µg/s	ample	Analy	/sis Date:	10/6/2010 1	11:21 AM
Client ID:			Run II	D: ICP2_1	01006A		Sec	No: 159 8	312	Prep Date: 10	0/6/2010	DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			ND	25									
Chromium			3.735	25									J
Lead			0.54	25									J
Manganese			0.09	25									J
LCS	Sample ID:	LCS-3361-3361					U	nits: µg/s	ample	Analy	/sis Date:	10/6/2010 1	1:27 AM
Client ID:			Run II	D: ICP2_1	01006A		Sec	No: 159 8	313	Prep Date: 10	0/6/2010	DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
							0		75 405				
Arsenic Chromium			443.9 455.8	25 25	450 450		0	98.6 101	75-125 75-125		0		
Lead			446	25	450		0	99.1	75-125		0		
Manganese			403.1	25	450		0	89.6	75-125		0		
MS	Sample ID:	1010100-01a ms					11	nits: µg/s	amplo	Anah	rcic Dato:	10/6/2010 1	11.54 AM
Client ID: 1-1	·	1010100-0141115	Run II	D: ICP2_1	01006Δ			nns. µg/s aNo: 159 8	_	Prep Date: 10		DF: 1	11.34 AIVI
Olione ID. T	101 421		Ranie	J. 101 <u>L_</u> 1	010007	00110	000	1110. 1000			3/0/2010		
Analyte			Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic			446.9	25	450	-1.4	44	99.6	75-125		0		
Chromium			454	25	450	7	7.2	99.3	75-125		0		
Lead			435.7	25	450	6.8	84	95.3	75-125		0		
Manganese			415.8	25	450	21.0	02	87.7	75-125		0		
MSD	Sample ID:	1010100-01a msd					U	nits: µg/s	ample	Analy	/sis Date:	10/6/2010 1	12:00 PM
Client ID: 1-1	ΓSP-427		Run II	D: ICP2_1	01006A			No: 159 8	-	Prep Date: 10		DF: 1	
						SPK Ref			Control	RPD Ref		RPD	
Analyte			Result	PQL	SPK Val	Value		%REC	Limit	Value	%RPD	Limit	Qual
Arsenic			459.4	25	450	-1.4	44	102	75-125	446	.9 2.7	6	
Chromium			463.5	25	450	7	7.2	101	75-125	45	54 2.0	16	
Lead			444.5	25	450	6.8	84	97.2	75-125	435	.7 1.9	9	
Manganese			427.4	25	450	21.0	02	90.3	75-125	415	.8 2.7	'4	
The followin	g samples v	vere analyzed in th	is batch:	10	010100-01a 010100-04a 010100-07a	10	01010	00-02a 00-05a 00-08a		10100-03a 10100-06a			

Date: 07-Oct-10 **ALS Environmental**

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS **Project:** ERRG / Hunter's Point

WorkOrder: 1010100

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit

Units Reported Description

 $\mu g/sample$

ALS Environmental

Sample Receipt Checklist

Client Name:	lame: <u>SCSTRACER-SANMARCOS</u>				Date/Time Received: 05-Oct-10 11:54							
Work Order:	<u>101010</u>	<u>0</u>				Received by	/ :	<u>KL</u>	<u>K</u>			
Checklist compl	eted by	Steve Wilcox eSignature		05-Oct-10 Date	_	Reviewed by:	K rys	stan K	railler			05-Oct-10 Date
Matrices: Carrier name:	<u>UPS</u>											
Shipping contain	ner/coole	r in good condition?		Yes	✓	No 🗌	Not	Present				
Custody seals in	ntact on s	shipping container/cooler?		Yes		No 🗌	Not	Present	✓			
Custody seals in	ntact on s	sample bottles?		Yes		No \square	Not	Present	✓			
Chain of custody	y present	1?		Yes	~	No \square						
Chain of custody	y signed	when relinquished and re	ceived?	Yes	V	No 🗆						
Chain of custody	y agrees	with sample labels?		Yes	✓	No \square						
Samples in prop	er contai	iner/bottle?		Yes	✓	No 🗌						
Sample containe	ers intact	?		Yes	✓	No 🗆						
Sufficient sampl	e volume	e for indicated test?		Yes	~	No 🗆						
All samples rece	eived with	nin holding time?		Yes	~	No 🗆						
		emperature in compliance?	?	Yes	✓	No 🗌						
Temperature(s)/	Thermor	meter(s):										
Cooler(s)/Kit(s):												
Water - VOA via	als have z	zero headspace?		Yes		No 🗏	No VOA	vials sub	mitted			
Water - pH acce	eptable u	pon receipt?		Yes		No 🔳	N/A					
pH adjusted? pH adjusted by:				Yes -		No 🔳	N/A					
Login Notes:												
												====
Client Contacted	d:		Date Contacted:			Person	Contacte	d:				
Contacted By:			Regarding:			2.23						
			- 3··· 3 ·									
Comments:												
CorrectiveAction	n:											

REGULAR Status 17.1°C RUSH Status Required - ADDITIONAL CHARGE

ANALYTICAL REQUEST FORM

(AL	5)				TS REQUIRED BY
	Purchase Order No				BA
	10 Los Vall				
	(02				
City Person to Conta	act Paul Sch	State	3	Zip	Quote No.
	pschaleros				
	0)744 9611				Date/Time of Collection 10/13-10/15
	(760) 744 8			Banole	STELLA HANIS Project Manager 1010466
Laboratory Use Only	Client Sample Number	Media Type	Sample (Lite		ANALYSES REQUESTED - Use Method Number if Known
01	0561	pcm			Asbestos
02	0504	PUF	10/4	10/14	PCBs TO-049
03	0565	pcm			Asbestos
04	0508	PUF	10/6	10/14	ACBS TO-04A
05	0509	pom			Asbestos
06	0512	PUF	19/10	10/15	PAHS TO-13A
07	0513	pem	1		Asbestes
08	0516	PUF	0/0	10/15	PAHS TO-13A
CHAIN OF	CUSTODY				
Relinquished by: (Signature) Date ID }					(Signature) 7463 4462 4780 1500
Relinquished by: (Signature)				Date / T	(Signature) Sture Fullar ALS 11/1/19



02-Nov-2010

Jim Stirling SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG/Hunter's Point Work Order: 1010712

Dear Jim,

ALS Environmental received 4 samples on 26-Oct-2010 12:34 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Rob Nieman

Rob Nieman Analyst

Client: SCS Tracer Environmental Project: ERRG/Hunter's Point

Work Order: 1010712

Work Order Sample Summary

Lab Samp II	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received Hold
1010712-01	3-TSP-503	Air		10/13/2010	10/26/2010 12:34
1010712-02	8-TSP-507	Air		10/13/2010	10/26/2010 12:34
1010712-03	3-TSP-511	Air		10/14/2010	10/26/2010 12:34
1010712-04	8-TSP-515	Air		10/14/2010	10/26/2010 12:34

Client: SCS Tracer Environmental

Project: ERRG/Hunter's Point Case Narrative

Work Order: 1010712

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental Work Order: 1010712

Project: ERRG/Hunter's Point

Lab ID: 1010712-01A **Collection Date:** 10/13/2010

Client Sample ID: 3-TSP-503 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 1	10/28/2010 Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/28/2010 02:29 AM
Chromium	ND		25	µg/sample	1	10/28/2010 02:29 AM
Lead	ND		25	µg/sample	1	10/28/2010 02:29 AM
Manganese	49		25	µg/sample	1	10/28/2010 02:29 AM

Lab ID: 1010712-02A **Collection Date:** 10/13/2010

Client Sample ID: 8-TSP-507 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 10/28/201	O Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/28/2010 02:34 AM
Chromium	ND		25	µg/sample	1	10/28/2010 02:34 AM
Lead	ND		25	µg/sample	1	10/28/2010 02:34 AM
Manganese	49		25	μg/sample	1	10/28/2010 02:34 AM

Lab ID: 1010712-03A **Collection Date:** 10/14/2010

Client Sample ID: 3-TSP-511 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date:	10/28/2010 Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/28/2010 02:40 AM
Chromium	ND		25	µg/sample	1	10/28/2010 02:40 AM
Lead	ND		25	µg/sample	1	10/28/2010 02:40 AM
Manganese	44		25	μg/sample	1	10/28/2010 02:40 AM

Client: SCS Tracer Environmental Work Order: 1010712

Project: ERRG/Hunter's Point

Lab ID: 1010712-04A **Collection Date:** 10/14/2010

Client Sample ID: 8-TSP-515 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 1	0/28/2010 Analyst: TAB
Arsenic	ND		25	µg/sample	1	10/28/2010 02:46 AM
Chromium	ND		25	µg/sample	1	10/28/2010 02:46 AM
Lead	ND		25	µg/sample	1	10/28/2010 02:46 AM
Manganese	52		25	μg/sample	1	10/28/2010 02:46 AM

Date: 02-Nov-10

QC BATCH REPORT

Client: SCS Tracer Environmental

Work Order: 1010712

Project: ERRG/Hunter's Point

Batch ID: 36	73	Instrument ID: ICP3		Method	d: E12							
MBLK	Sample ID:	MBLK-3673-3673				U	nits: µg/s	ample	Analy	sis Date: 1	0/28/2010	01:43 AN
Client ID:		Ru	un ID: ICP3_1	01028A		Sec	qNo: 173 2	202	Prep Date: 10/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
				Oi it vai			701120			70111 2		
Arsenic		0.585	25									J
Chromium Lead		5.94	25 25									J J
Manganese		0.135	25 25									J
LCS	Sample ID:	LCS-3673-3673				U	nits: µg/s	ample	Analy	sis Date: 1	0/28/2010	01:48 AN
Client ID:		Rı	un ID: ICP3_1	01028A		Sec	qNo: 173 2	203	Prep Date: 10/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		425.3	25	450		0	94.5	75-125	C)		
Chromium		423.9	25	450		0	94.2	75-125	C			
Lead		423	25	450		0	94	75-125	C)		
Manganese		420.7	25	450		0	93.5	75-125	C)		
MS	Sample ID:	1010692-03a ms				U	nits: µg/s	ample	Analy	sis Date: 1	0/28/2010	02:00 AN
Client ID:		Ru	un ID: ICP3_1	01028A		Sec	qNo: 173 2	205	Prep Date: 10/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		434	25	450	1.1	17	96.2	75-125	()		
Chromium		429.2	25	450	5.3	31	94.2	75-125	C)		
Lead		434.1	25	450	6.6	66	95	75-125	C)		
Manganese		441.1	25	450	17	.6	94.1	75-125	C)		
MSD	Sample ID:	1010692-03a msd				U	nits: µg/s	ample	Analy	sis Date: 1	0/28/2010	02:06 AN
Client ID:		Ru	un ID: ICP3_1	01028A		Sec	qNo: 173 2	206	Prep Date: 10/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		435.6	25	450	1.1	17	96.5	75-125	434	0.373	3	
Chromium		423	25	450	5.3		92.8	75-125	429.2			
Lead		436.4	25	450	6.6		95.5	75-125	434.1			
Manganese		435.7	25	450	17	.6	92.9	75-125	441.1	1.22	2	
The following	ng samples v	vere analyzed in this batcl		010712-01a 010712-04a	10	1071	12-02a	10	10712-03a			

Client: SCS Tracer Environmental QUALIFIERS, ACRONYMS, UNITS **Project:** ERRG/Hunter's Point

WorkOrder: 1010712

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit

 $\mu g/sample$

Units Reported Description

ALS Environmental

Sample Receipt Checklist

Client Name: SC	STRACER-SANMARCOS				Date/Time F	Received:	<u> 26-</u> 0	Oct-10	12:34	
Work Order: 101	<u>10712</u>				Received by	<i>/</i> :	JNV	<u>N</u>		
Checklist completed	by: K elsey K ennedy	2	26-Oct-10 Date) -	Reviewed by:	J an W	/ilcox			 26-Oct-10 Date
Matrices: Carrier name: <u>F</u>	<u>edEx</u>									
Shipping container/c	cooler in good condition?		Yes	✓	No 🗆	Not Pre	esent			
Custody seals intact	on shipping container/cooler	?	Yes	~	No \square	Not Pre	esent			
Custody seals intact	on sample bottles?		Yes	~	No \square	Not Pre	esent			
Chain of custody pre	esent?		Yes	~	No \square					
Chain of custody sig	ned when relinquished and re	eceived?	Yes	~	No \square					
Chain of custody agr	rees with sample labels?		Yes	~	No 🗌					
Samples in proper co	ontainer/bottle?		Yes	~	No 🗆					
Sample containers in	ntact?		Yes	✓	No 🗆					
Sufficient sample vo	lume for indicated test?		Yes	✓	No 🗆					
All samples received	I within holding time?		Yes	✓	No 🗆					
Container/Temp Bla	nk temperature in compliance	?	Yes	✓	No 🗌					
Temperature(s)/The	rmometer(s):									
Cooler(s)/Kit(s):										
Water - VOA vials ha	ave zero headspace?		Yes		No 🔲	No VOA via	als subn	mitted		
Water - pH acceptat	ole upon receipt?		Yes		No 🔲	N/A				
pH adjusted? pH adjusted by:			Yes		No 🔳	N/A				
Login Notes:										
	=									
Client Contacted:		Date Contacted:			Person	Contacted:				
Contacted By:		Regarding:								
,		0								
Comments:										
CorrectiveAction:										
	1									



30-Dec-2010

Paul Schafer SCS Tracer Environmental 970 Los Vallecitos Blvd., Suite 100 San Marcos, CA 92069

Tel: 760-744-9611 Fax: 760-744-8616

Re: ERRG / Hunter's Point; Source #: 24210032.00 Work Order: 1012553

Dear Paul,

ALS Environmental received 6 samples on 24-Dec-2010 09:44 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

R ob Nieman

Electronically approved by: Chris Gibson

Rob Nieman Analyst

Client: SCS Tracer Environmental

Project: ERRG / Hunter's Point; Source #: 24210032.00

Work Order: 1012553

Work Order Sample Summary

Lab Samp II	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received Hold
1012553-01	3-TSP-563	Air		12/13/2010	12/24/2010 09:44
1012553-02	8-TSP-567	Air		12/13/2010	12/24/2010 09:44
1012553-03	3-TSP-571	Air		12/14/2010	12/24/2010 09:44
1012553-04	8-TSP-575	Air		12/14/2010	12/24/2010 09:44
1012553-05	3-TSP-583	Air		12/15/2010	12/24/2010 09:44
1012553-06	8-TSP-587	Air		12/16/2010	12/24/2010 09:44

Client: SCS Tracer Environmental

Project: ERRG / Hunter's Point; Source #: 24210032.00 Case Narrative

Work Order: 1012553

The sample condition upon receipt was acceptable except where noted.

Results relate only to the items tested and are not blank corrected unless indicated.

Client: SCS Tracer Environmental Work Order: 1012553

Project: ERRG / Hunter's Point; Source #: 24210032.00

Lab ID: 1012553-01A **Collection Date:** 12/13/2010

Client Sample ID: 3-TSP-563 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 1	2/28/2010 Analyst: CEG
Arsenic	ND		25	µg/sample	1	12/28/2010 06:25 PM
Chromium	ND		25	µg/sample	1	12/28/2010 06:25 PM
Lead	ND		25	μg/sample	1	12/28/2010 06:25 PM
Manganese	ND		25	µg/sample	1	12/28/2010 06:25 PM

Lab ID: 1012553-02A **Collection Date:** 12/13/2010

Client Sample ID: 8-TSP-567 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor l	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 12/28/2010	Analyst: CEG
Arsenic	ND		25	μg/sample	1	12/28/2010 06:31 PM
Chromium	ND		25	μg/sample	1	12/28/2010 06:31 PM
Lead	ND		25	μg/sample	1	12/28/2010 06:31 PM
Manganese	ND		25	µg/sample	1	12/28/2010 06:31 PM

Lab ID: 1012553-03A **Collection Date:** 12/14/2010

Client Sample ID: 3-TSP-571 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor D	Oate Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 12/28/2010	Analyst: CEG
Arsenic	ND		25	μg/sample	1	12/28/2010 06:37 PM
Chromium	ND		25	μg/sample	1	12/28/2010 06:37 PM
Lead	ND		25	μg/sample	1	12/28/2010 06:37 PM
Manganese	ND		25	µg/sample	1	12/28/2010 06:37 PM

Client: SCS Tracer Environmental Work Order: 1012553

Project: ERRG / Hunter's Point; Source #: 24210032.00

Lab ID: 1012553-04A **Collection Date:** 12/14/2010

Client Sample ID: 8-TSP-575 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date:	12/28/2010 Analyst: CEG
Arsenic	ND		25	µg/sample	1	12/28/2010 06:43 PM
Chromium	ND		25	µg/sample	1	12/28/2010 06:43 PM
Lead	ND		25	µg/sample	1	12/28/2010 06:43 PM
Manganese	ND		25	µg/sample	1	12/28/2010 06:43 PM

Lab ID: 1012553-05A **Collection Date:** 12/15/2010

Client Sample ID: 3-TSP-583 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor l	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 12/28/201 0	Analyst: CEG
Arsenic	ND		25	µg/sample	1	12/28/2010 06:49 PM
Chromium	ND		25	µg/sample	1	12/28/2010 06:49 PM
Lead	ND		25	µg/sample	1	12/28/2010 06:49 PM
Manganese	ND		25	µg/sample	1	12/28/2010 06:49 PM

Lab ID: 1012553-06A **Collection Date:** 12/16/2010

Client Sample ID: 8-TSP-587 Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY EPA METHOD 12 MOD.			E12		Prep Date: 12	2/28/2010 Analyst: CEG
Arsenic	ND		25	µg/sample	1	12/28/2010 06:55 PM
Chromium	ND		25	μg/sample	1	12/28/2010 06:55 PM
Lead	ND		25	µg/sample	1	12/28/2010 06:55 PM
Manganese	ND		25	µg/sample	1	12/28/2010 06:55 PM

Date: 30-Dec-10 **ALS** Environmental

Client: SCS Tracer Environmental

Work Order: 1012553

Project: ERRG / Hunter's Point; Source #: 24210032.00

Batch ID: 43	Instrument ID: I	ICP1		Method	d: E12							
MBLK	Sample ID: mblk-4357-4357					Ur	nits: µg/s	sample	Analy	sis Date: 1	2/28/2010	05:10 PM
Client ID:		Run	ID: ICP1_1	01228B		Seq	No: 200 1	135	Prep Date: 12/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		0.81	25									J
Chromium		3.555	25									J
Lead		0.72	25									J
Manganese		0.945	25									J
LCS	Sample ID: Ics-4357-4357					Ur	nits: µg/s	sample	Analy	sis Date: 1	2/28/2010	05:15 PM
Client ID:		Run	ID: ICP1_1	01228B		Seq	No: 200 1	136	Prep Date: 12/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		440.6	25	450		0	97.9	75-125	()		
Chromium		435.2	25	450		0	96.7	75-125)		
Lead		425.3	25	450		0	94.5	75-125	()		
Manganese		429.4	25	450		0	95.4	75-125	()		
MS	Sample ID: 1012526-01A ms	;				Ur	nits: µg/s	sample	Analy	sis Date: 1	2/28/2010	05:27 PM
Client ID:		Run	ID: ICP1_1	01228B		Seq	No: 200 1	138	Prep Date: 12/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		447.7	25	450	1.48	85	99.2	75-125	()		
Chromium		449.5	25	450	14.0	08	96.8	75-125	()		
Lead		423.8	25	450	-2.	16	94.7	75-125	()		
Manganese		447.5	25	450	15.5	57	96	75-125	()		
MSD	Sample ID: 1012526-01A ms	sd				Ur	nits: µg/s	sample	Analy	sis Date: 1	2/28/2010	05:32 PM
Client ID:		Run	n ID: ICP1_1	01228B		Seq	No: 200 1	139	Prep Date: 12/	28/2010	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		441.9	25	450	1.48	85	97.9	75-125	447.7	7 1.28	1	
Chromium		445.8	25 25	450	14.0		95.9	75-125 75-125	449.5			
Lead		417.5	25	450	-2.		93.2	75-125	423.8			
Manganese		440.9	25	450	15.5		94.5	75-125	447.5			
The following	ng samples were analyzed in t	this batch:)12553-01A)12553-04A			3-02A 3-05A		12553-03A 12553-06A			

Note:

QC BATCH REPORT

Client: SCS Tracer Environmental

QUALIFIERS, ACRONYMS, UNITS **Project:** ERRG / Hunter's Point; Source #: 24210032.00

WorkOrder: 1012553

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit

 $\mu g/sample$

Units Reported Description

ALS Environmental

Sample Receipt Checklist

Client Name: SCSTRACER-SANMARCOS		Date/Time Received: 24-Dec-			0 09:44		
Work Order:	<u>1012553</u>			Received b	y:	<u>SJW</u>	
Checklist compl	eted by: J an Wilcox eSignature		Dec-10	Reviewed by:	K elsey K	ennedy	28-Dec-10 Date
Matrices: Carrier name:	<u>UPS</u>	'					
Shipping contain	ner/cooler in good condition?		Yes 🔽	No 🗆	Not Prese	nt 🗌	
Custody seals in	ntact on shipping container/cooler?		Yes [□ No □	Not Prese	ent 🗸	
Custody seals in	ntact on sample bottles?		Yes [□ No □	Not Prese	ent 🗸	
Chain of custod	y present?		Yes 🔽	No 🗆			
Chain of custod	y signed when relinquished and re	ceived?	Yes 🗹	No 🗆			
Chain of custody agrees with sample labels?			Yes 🔽	[™] No □			
Samples in prop	per container/bottle?		Yes 🔽	No 🗆			
Sample containe	ers intact?		Yes 🔽	' No □			
Sufficient sample	le volume for indicated test?		Yes 🔽	No 🗆			
All samples received within holding time?			Yes 🔽	No 🗆			
Container/Temp	Blank temperature in compliance	?	Yes 🔽	No 🗆			
Temperature(s)	Thermometer(s):						
Cooler(s)/Kit(s):							
Water - VOA via	als have zero headspace?		Yes 🗏	No 🔳	No VOA vials	submitted	
Water - pH acce	eptable upon receipt?		Yes 🗏	No 🔳	N/A		
pH adjusted? pH adjusted by:		[Yes 🗏	No 🔲	N/A		
Login Notes:	Volumes/Times not provided.						
====	=======		==:	=====	====	===:	======
Client Contacted Contacted By:	d :	Date Contacted: Regarding:		Person	Contacted:		
Comments:							
CorrectiveAction	ν:						CDC Dage 1 of 1

Appendix E. Contractor Quality Control Documentation

The appendix contains quality control documentation for the project. The following reports and documentation are included:

Daily Reports for the construction period, as submitted to the ROICC, including:

Contractor Production Reports

Safety Documentation

Radiological Support Daily Reports

CQC Reports

Preparatory phase checklists

Initial phase checklists

Compaction testing reports

Test Reports

Photo Logs

Submittals

Miscellaneous Quality Control Documentation, including:

Revetment Quality Control Procedures and Certification

Cover Material Compaction Test Results

Sand Cone Test Results

Aggregate Base Compaction Test Results

Concrete Compression Test Results

Requests for Information (RFIs)

Variances

Closeout Inspections

Pre-Final Inspection Checklists

Final Inspection Checklist (Including Punch-Out List)



CONTRACTOR QUALITY CONTROL REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY) DATE 15/JUN/ REPORT 001								JUN/10 001		
PHASE	CONTRA	CT NO	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Pai			ations a	at Parcels B,
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RY	IF YES, F	ILL OUT	AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	ST.					
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PREPARATORY										
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	WAS INIT	IAL PHA	SE WORK PREFORMED TODAY?			YES	NO 🔳			
			AND ATTACH SUPPLEMENTAL INITIAL PHASE C	HECKLIST.						
IAL	Sche Activit		Definable Feature of Work							Index #
INITIAL										
			WITH CONTRACT AS APPROVED DURING INITI WITH SAFETY REQUIREMENTS?	AL PHASE?			YES YES	=	NO	
	Sche	dule	Description of Work, Testing Performed & By Whor	n, Definable Featur	re of Work, Specific	ation	155		мо Ц	
	Activit	y No.	Section, Location and List of Personnel Present							
FOLLOW-UP										
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		ENTIFIED	L) TODAY (NOT CORRECTED BY CLOSE OF BUSI	NESS)		CORRECTED TOD	AY (FROM REW	ORK ITEMS I	_IST)	
Sched Activity		escription	1		Schedule Activity No.	Description				
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REMARKS	S (Also Ex	plain Any	Follow-Up Phase Checklist Item From Above That \	Nas Answered "NC	l o"), Manuf. Rep On-	Site, etc.				
Sched Activity		escription								
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	r	nobilize	d to the site meet the contract requirement	nts.						
equipmen	t and mater	ial used an	ertify that this report is complete and correct and d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth	Binning			6/	15/10
	noted in thi		awings and specifications to the best of my knowledge	A	AUTHORIZED QC N	MANAGER AT SITE				DATE
OLIALITY	ASSURAN	ICE REP	GOVERNMENT QUALITY ASSURATESENTATIVE'S REMARKS AND/OR EXCEPTION			D	ATE			
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CONTROL FOR Park	CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE				
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Service Serv		filter fabric, healt	h and safety supplies, office equ	uipment and supplies	ERRG	2	Equipment Operators	į			
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4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE			
CONTRACT NO N62473-0	09-D-2608		at IR-07 & -18 at Parce G; and Soil Stockpiles at	Parcels D-1 and G, H		REPORT NO Elizab	eth	Binning	
CONTRACTOR	Engineering	Remediation Resources	s Group, Inc	SUPERINTENDENT		001			
AM WEATHER _		Tronodiation recognises	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)	
F	oggy, cool		6/15/10			65		59	
	1		WORK PERFO	ORMED TODAY		1			
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
	Mobilization- sto	rage containers, office trailer, te	mp fencing, heavy equipment	ERRG	9	Laborers		66	
	filter fabric, heal	th and safety supplies, office equ	uipment and supplies	ERRG	2	Equipment Operators	i	8	
		creen on the temp fencing in the		SCS Tracer Environmental	1	Sampling Consultant		8	
		ont of the office/laydown area. M		Tetra Tech	3	Rad Techs		24	
		ators to power each unit, mobilizerad screening conducted on ex		Espinoza Surveying	2	Surveyors		16	
	onice trailer. I re	rad screening conducted on ex	cavator, loader and water truck.						
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON J SITE,		122	
SAFE	TV	WERE THERE ANY LOST TIME	,			THIS DATE, INCL CON'T SHI CUMULATIVE TOTAL OF WO			
		(If YES attach copy of complete	d OSHA report)	YES	∐ NO	HOURS FROM PREVIOUS REPORT		0	
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	☐ NO				
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)							122		
Schedule	Schedule LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED.								
Activity No.	H&S Plan review today, tailgate safety briefing, equipment inspections								
	TIGOT IGIT TOVICE	today, tangato baroty brioning, t	эдартын төрсөнөнө						
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received						
		Cat 950 loader							
		Kenworth 4000gallon water t	ruck, J-Stand for Hydrant						
		John Deere 200CLC excavat	tor						
		Mirafi 140n Fabric- 36 rolls/4	50 sand bags/1500' wattle/10roll	s 6mil poly					
		Temp fencing-612 lin feet							
	AND PLANT EQU	JIPMENT ON JOB SITE TODAY	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY NO	JMBER.			ı	
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used	
	Harris Blade	4K water truck						2	
	ERRG	JD 200CLC Excavator						0	
	Harris Blade	Cat 950 Loader						0	
	United Rentals	25 KW Generators- 3ea						0	
	Rental Solutions SCS Tracer	25KW Generator-1ea Air Monitoring Skids- 3skids						0	
	OOO TIACEI	All Worldoning Oklas- Saklas						0	
Schedule Activity No.	REMARKS	1							
	l		1	N		6/4//	^		
				mes Nores CONTRACTOR/SUPERINTE	NDENT	6/15/1	U		

4296/2 (9/98) SHEET 1 OF 1

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the N	lavy	
RGDay:	TUJSDAY	Date:	6/17/10		
roject Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:			
Veather:	CLOOPY AM, SCHMY + WIDDY	Page:	/	of	1
ite Visitors:	See Tailgate Sign In Log.	-11117(1)			
escription of Field A	Activities:				
PAUDUCTOR	INITIAL PRESECT SAFOTY THIGHT	er Waling	AU EDI	OC EMA	O PARALET
	TRACTOR . NAM POICE MESO ATTOMO				
	LIST AT THE SHORELINE AND A DETMINE				
	MANAGER. THE MODILIZATION AHA			24 118	GERLY
_	THE THIGHT , ALL TREG DOLLARDO AT			anin	Aut L
/	APP + SSHSP.	CPOCK AV	Uprious IVE	BIGG	Many
0		a went	and years	w. Mr	
	ADER WAS PECCIUSO, CHECUSO FOR RA	D , MI HOE!	TOO LOSSEN	Y- 3191000	OH
,	TO WALK UNIVERDING & MEVING SUPPLIES.	. 7			_
-	ENNOR RESTING THOSE PORSENSE RAS				
Supplies,	office & strengt comminus rainvon	THROUGHOU	TAT DAY.		_
DUST DET	ECTORS ASSEMBLED IN PARKEY ARM				
TOMPORARY	FONCING INSTALLED.				
	*				
Poncon	MITEGORIUS OF WORK ACTIVITIES.				
RECEIVO	DEXCAUSTOR, WATOR THUR & J-STH	ND			
UNLOAD DO 4	STOKED LAY DEWN FRENC,				_
OFFICE TO	oneon sor-up wis power				
ed: Rul	145	Date:	1.11	-1,-	
1 xmg	- gy	Duto,	- 6/1	110	_



TAILGATE SAFETY MEETING

E LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 6/1	-/10 TIME	0700 PROJECT NUMBER	R 29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	PARCEL B.	5/1705 74/8	
TYPE OF WORK	MOBILIZA		10910 £ 2
			1191
SAFETY TOPICS		TY TOPICS PRESENTED	THE LECOTED + PRESENT, SITE SURVEYS
PROTECTIVE CLOTHING			LOSSUS WISIDES SMODING, ROTLOTVE
		GLOVE SHINE US	
	HE TO HE THAT I NO		
CHEMICAL HAZARDS			
PHYSICAL HAZARDS	HEM STREET, INST	CTS & PUNTS, 50-PT 7	O WATER WENR VEST STAFF
A Charles In the Property of the Park		1=QUIPHENT, STAGING	
EMERGENCY PROCEDU	RES Employee to	report any injury to Supervisor; Su	pervisor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/ 415-641-6625(E	R) PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Fr	ancisco, CA 941124	
SCIAL EQUIPMENT		None	
		ATTENDEES	
NAME PRINTED,	0.22 -0.5	COMPANY	SIGNATURE
1	nBukg	ERRE	Mu
DAMES IVARES	5	CRIED.	James College
Micheel Sullnan	10	ERKE	muy au
Villager LEI	4.I	ERREA	220 60
DAUZD HASA		ERRA	-12ml H P
	20700	ENGG	Opport Ometh
- T	CZA.	ERRE	ale Da
Roberto Agi	n tree	ERRE	Kust Walne
Enrique MARTIN		ERRE	Type Figure
Joe Chinevilian		Nint	The Shu A
Adam Berry		Tec	1000
JOHN SCURTAL		ERRG	98.
licente VALENC	18	ERRE	thente Willen
Shilley NO		RUICE	d. 0. 02
1		INW LAST	-17,15
nealth & Safety Officer	DICK EPP	SUPERIN	STENDENT JA NORUS
SIGNATURE //	logo	SIGNATI	JRE James [/ Gus

TAILGATE SAFETY MEETING



SITE LOCATION: HA	15	CONTRACT #	
DATE 6/17/10	TIME	PROJECT NUMBER	28-141
CLIENT			
SPECIFIC LOCATION			192017
TYPE OF WORK			
	SAFETY TO	PICS PRESENTED	
SAFETY TOPICS	(20,00)		
PROTECTIVE CLOTHING/EQUIP	MENT		
CHEMICAL HAZARDS			
PHYSICAL HAZARDS			
	A1.140	1-1-0-8-1	
EMERGENCY PROCEDURES	Stabilize major inju		ALEXANDER BUILDING
HOSPITAL/CLINIC	PHON	NE	PARAMEDIC PHONE 911
HOSPITAL ADDRESS			
SPECIAL EQUIPMENT			
NOTE:			
NAME PRINTED	-	ATTENDEES COMPANY	SIGNATURE
Shart Montainery	7	te	
Spencer Johnson	<u>F</u>	RRIS	my
Adan Fora		RRC	- an
1-10-10			
			-
			-
			-
ADMINISTRATION OF THE PARTY OF			
Health & Safety Officer		SUPERINT	TENDENT
SIGNATURE		SIGNATUR	RE

SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPEMENT



(Including Cranes, Derricks, and Hoisting Equipment)

PROJECT Hunters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	CONTRACT NO. 29 - 141
TYPE AND MAKE OF EQUIPEMENT	MODEL	SERIAL NO.
END LONDUR - CAT	950H	CAT 0950H TK5K00389

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement.

	CHECKLIST	Yes	No	Not Appl
1.	ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED?		V	
2.	ARE ALL WIRE ROPE CABLES IN GOOD CONDITION?	V		
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED?	1		
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION?	1		
5.	ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED?	V		
6,	ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES?	4		
7.	IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS?	V	- 1	
8.	ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR?	/		
9.	IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS?	V		
10.	DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT?	V		
11.	ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR?	V		
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?			
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION?	/		
14.	ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION?	/		
15.	DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION?	V		
16.	ARE REAR VIEW MIRRORS PROVIDED?	/		
17.	ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT ACCIDENTAL STARTING	/		

	CHECKLIST	YES	NO	NOT
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	V		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?	/		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	/		
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?	/		
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	/		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF OPERATOR?	/		
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?			
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	V		
27.	ARE TIRES IN SERVICEABLE CONDITION?	V	*	
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	1	9,9	41.
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?	1		
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?	/		
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?	1		
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			1
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			/
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			V
37.	IS EQUIPMENT ADEQUATELY GROUNDED?	/		
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?			2
39.	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?	V		
10.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?			
11.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	/		

1	CHECKLIST	YES	NO	NOT APPL
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			1
43.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?			~
44.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			/
45.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			/
46.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			/
47.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			1
48.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			1
49.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			1
50.	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			/
51.	IS HIGH VOLTAGE SIGN POSTED?			/
52.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			/
53.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			/
54.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			/
55.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?			/
56.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			/
	narks:			
	As Noted Under Remarks: Signature Of Competent Mechanic Signature Of Superintendent/Quiality Control Engineer	Date	quireme	nts



Photo 1: Mobilization – Installation of J-stand at existing hydrant for filling water truck.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 15, 2010



Photo 2: Mobilization – Placement of material/equipment storage containers.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 15, 2010





Photo 3: Mobilization – Staging of sandbags and straw wattles.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 15, 2010



Photo 4: Mobilization – Preconstruction site surveying.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 15, 2010



	CC		RODUCTION RE	PORT		DATE 16/JU	JN/10	
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at	Parcels D-1 and G, I		REPORT NO	002	
CONTRACTOR	Engineering	g/Remediation Resource		SUPERINTENDENT	J:	ames Nores		
AM WEATHER		<u>priomodiation recodulos</u>	PM WEATHER			MAX TEMP (F)	MIN	TEMP (F)
	Clear, cool		Sunny, win			65		59
Schedule	 		WORK PERFO		 	1	— <u> </u>	
Activity No.		WORK LOCATION AND DE	ESCRIPTION	EMPLOYER	NUMBER	TRADE	$\perp \perp$	HRS
	+	of chain link fence along the sho		ERRG	6	Laborers		38
	+	s of 3" rock for placement across	-	ERRG	1	Equipment Operator	-+	2
	+	north perimeter fence to prepare	. , .	ERRG Tetra Tech	3	Truck Driver Rad Techs	\dashv	8 24
		eying on site to continue perform	· · · · · · · · · · · · · · · · · · ·	Espinoza Surveying	2	Surveyors		16
		,	,	Advanced Electric	1	Electrician		2
					Ţ	<u> </u>		
	 				 	-	- $+$	
	 				+	 	\dashv	
		WAS A JOB SAFETY MEETIN	IC LIELD THIS DATE?			TOTAL WORK HOURS ON JOI	·B	
JO		(If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE	ETS	90
SAFE	<u>E</u> TY	WERE THERE ANY LOST TIM		YES	■ NO	CUMULATIVE TOTAL OF WOR HOURS FROM PREVIOUS		400
WAS CRANE/MAI	NLIFT/TRENCHI	∬(If YES attach copy of complete ING/SCAFFOLD/HV ELEC/HIGH	ed OSHA report) H WORK/ HAZMAT WORK DONE?	2 _	_	REPORT		122
(If YES attach state	tement or checklis	ist showing inspection performed	d.)	YES	■ NO	TOTAL WORK HOURS FROM		210
		ASTE RELEASED INTO THE Elent and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		212
Schedule Activity No.	LIST SAFETY /	ACTIONS TAKEN TODAY/SAFE	ETY INSPECTIONS CONDUCTED)		SAFETY REQUIREMEN	ITS HAVE	BEEN MET.
Activity No.		ew today, tailgate safety briefing,						
	110011011111	w today, tangato oater, etc. g,	equipment inspection.					
	ERIAL RECEIVE	ED TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHEDU	ULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Ma	iterial Received					
	<u> </u>	207.06 tons of 3" rock						
		2ea- 20' X 6"dia C-900 pipe						
	<u> </u>							
	 							
CONSTRUCTION	AND PLANT EC	DI IIPMENT ON JOB SITE TOD!	AY. INDICATE HOURS USED AND	D SCHEDULE ACTIVITY N	JI IMBER.			
Schedule	I	ĺ					1	Universal Land
Activity No.	Owner	· ·	Equipment Used Today (incl Make a	and Model)			-	Hours Used
	Harris Blade	4K water truck					-+	8 0
	ERRG Harris Blade	JD 200CLC Excavator Cat 950 Loader					-	2
	United Rentals							0
	Rental Solution							8
	SCS Tracer	Air Monitoring Skids- 3skids						0
,	<u> </u>							
Schedule Activity No.	REMARKS							
	<u> </u>							
	 							
	 							
	 							
			lar	nes Nores		6/16/10	,	
				CONTRACTOR/SUPERINT	CENDENT	DATE		
				JOINTING TOTOGOT ETTINT	LINDLINI	DATE		

4296/2 (9/98) SHEET 1 OF 1

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the	Navy
RRGDay:	Wan.	Date:	6/16/10	
roject Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		29-141	
Veather:	SURNY	Page:	_/	of
Site Visitors:	See Tailgate Sign In Log.			
Description of Field A	Activities:			
	HIGHTE TOPICS S, T+F, BOUIPMONT			/ .
	FOR VEHICLUS, CHOCK ALL TOOLS FOR			
RAD BADGO	S DISTRIBUTED, ROMEDON OF PROCEDURE	FOR EVEN	cing 4 Loxivi	is week spin.
axclus!	W ZONE.			
WATER TO	UCIE WATORING SITE, PARKING HOUTH + WILLIAM	my ROUTOS	, HAUL Bed)(
ROTEWED	10 LONGS OF 3" CHUCHED STONE FOR DITCH	CHESSANG +	TOMY WEBL	LECTIONS, STONE
WATERED	DOWN AS DUMPOS + MONOS TO LOCATIONS	t.		
RWING	DUST MUDITOR WITH SES TRACER ON	uncougante	L REP.	
SETEUT	DATA RAW DUST MONITORS & LOGGOD AT	HOORLY .	intavites .	THREE CHUIR
IN EXC	cusica ARON, UPWIND/DEWNWIND & LT	WORK AR	ot,	
	,			
OBSTRUTO	CROW REMOVING FORCE BLONG LLYTOP	SIDE OF S	OCTION 186	was-TIPE .
WEED U	LINCKED ALONG NORTH FORCEINE			
RUMOV	E FILTER ONITS FROM PARKING LOT	TO THE 0	CONGREDOX	ALEN
Pocetien	POPERTY - PETTIGS + HOURS WHEN STATION	ì		
MOVE F	PRIVACY SCREEN WTO EXCLUSION ARM			
Desproye	TO FLOTHTHW TOSS PURS FOR SURVICE	yers work	is NOAR C	WANT EDGE.
CONBU	SMOOD PREVIOUS FONCTENE AS 50' FE	en water	LIND, SURVE	yours were
PFDs	WHEN ON WHOM SIDE OF STENS BE	KIN THAT C	um AT FONC	BONG BIST,
	3			



TAILGATE SAFETY MEETING

pyloth

.TE LOCATION:	Hunters Point Shipyard		CONTRACT #	N64273-09-D	-2608
DATE 6/16/1	c TIME	6700	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy		V / C		
SPECIFIC LOCATION					
TYPE OF WORK	1 Au 20 Hill 2	OUCUME	THE PLATE	alea poiving race	Calmby
TIL OF HORK				NEE , PRIVICY FINCE	
	Kontes Meine (2)(1)	r, umas L, I	VOILIA - PETIDI , DUS	T MONTONS, S, TOF	news
AFFETY TORICO		ETY TOPICS P	2		
SAFETY TOPICS			extracor corps		
PROTECTIVE CLOTHING	USF + PACCEDIORS	A second second		WSPECTION LOSS, DIS	CLUSED RAD
	USE I PROCEDURE	FUL DATE	1000		
CHEMICAL HAZARDS	NONE				
PHYSICAL HAZARDS	S. TY FALL, W.	2005			
-					
MERGENCY PROCEDUR	RES Employee to	report any inju	ury to Supervisor; Super	visor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 9	11/415-641-6625(ER)	PARAMEDIC PHONE	911
IOSPITAL ADDRESS	3555 Cesar Chavez, San Fr	rancisco, CA 94	1124		
ECIAL EQUIPMENT			None		
den ou ground					
NOTE:					
			THEFE		
NAME PRINTED		COMPANY	ENDEES	SIGNATURE	
Heather Wollenbu	1101	ERRE		MAR	
Spencer John	soles.	RARI		92019	
Paul Schufer		SCS Tru		- The Kar	2
Matt Wisen	5	Advanced		1391 An Part	
LISA Branssore		New Wo		Salar Brown	- 0.
JOE CHNINGHAR		NWT		double	
Adam Berry		TIECI		2324	
Men Maria	2010117	ERK 6	-	Decente Akale	
Roberto Havil		ERRG		The state of the	10 11
PAFAEL 402	A	ERRE		Pyul - Jak	
Maune 1919	II.	4KRC		N26660	
	2000	ERRE	<u> </u>	Char Dol	u
FORTY Poplat	10	ERRA		Dora torall	Α
JUN LOVA		EST INDS		1/2/2	
Frat Antigin	m/A	4162	-	Thisty	/
JOHN SOUCIAL		ERRE		2019	1
ealth & Safety Officer	DIEK CAP		SUPERINTE	NDENT NAMES	Nores
1	17		Land Control		1//
IGNATURE //4	Upp		SIGNATURE	X clause	11/6

AIR MONITORING LOG SHEET

Prepared by: Project Name:

DICK EPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 6/16/10@ 0945

Client:

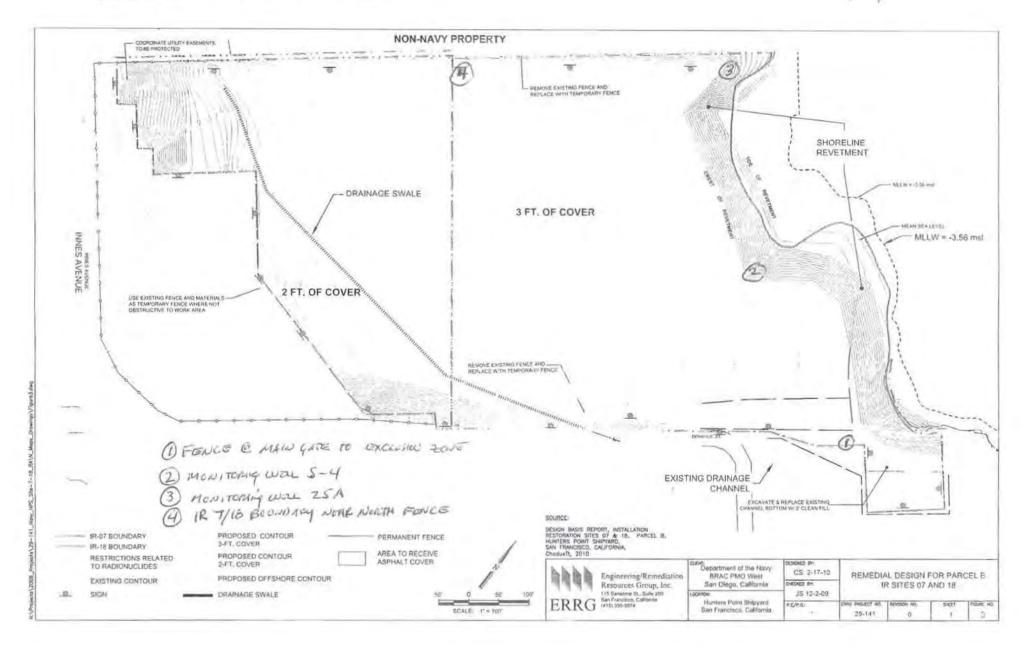
Page:

Project No.:

USNU 29-141

Standard Used: AIR BAG

Location	Date	Time	cenc. In	strument Tw.4 DataRAM	Comments
# 1	6/16/10	1000	0,034	0.036	10972
# 2	1	1005	6.031	0.033	10971
# 3		1010	0.035	0.038	10973
# }	/	1118	0.030	0,035	10972
# 2		1119	0.034	6.036	10971
# 3		1/2/	0,039	0,038	10973
MOVED 43 to 44		1133	0.036	0.038	10973 - PATTIAL RENDING
# /		1355	0.011	01029	10972
P2		1357	0.016	01035	10971
#4		1402	0,623	0.031	10973
44		1458	0.030	0.029	10973
#2		1503	6.019	6.031	10971
#/		1506	0.023	0.027	10972



SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPEMENT

ERRG

(Including Cranes, Derricks, and Hoisting Equipment)

ACCIDENTAL STARTING

1000	nters Point Shipyard, Sites 7 & 18 Parcel B	s Point Shipyard, Sites 7 & 18 Parcel B CONTRACT NO. ERRG, Inc.		29 - 141				
TYP	EAND MAKE OF EQUIPEMENT	950 H	SERIAL NO.	ottiks	KUU	389#		
cer at l	fore any machinery or mechanized equipment tified to be in good operating condition. Re Project or Resident Office, Checklist, set for anual, 1 Oct 87. The appropriate EM paragra	cords of tasks and inspections th herein requires the applicat	inspected and tested by a significant shall be maintained as pation of EM 385-1-1, Safet	competent art of the ac y and Heal	mechan	ic and tract file		
	СН	ECKLIST		Yes	No	Not Appl		
1.	ARE ADEQUATE AND SERVICEABLE FIRE	EXTINGUISHERS PROVIDED?	1		X			
2.	ARE ALL WIRE ROPE CABLES IN GOOD CO	ONDITION?		X	1			
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THI APPLIED?	MBLES AND CLIPS ADEQUATE	E AND PROPERLY	X				
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES,	RINOS, ETC., IN GOOD COND	OITION?	X				
5.	ARE NECESSARY PLATFORMS, ETC., FOO	X						
6.	ARE ACCESS STEPS, PLATFORMS, ETC., F	X						
7.	IS OPERATOR PROTECTED AGAINST THE LOADS AND SIMILAR HAZARDS?	NG OBJECTS, SWINGING	X					
8.	ARE ALL GLASSES IN OPERATOR'S COMP.	D IN GOOD REPAIR?	X					
9.	IS SUITABLE ACCESS PROVIDED TO LUBR	X						
10.	10. DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT?							
11.	 ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR? 							
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?					X		
13.	3. ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION?							
14.	4. ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION?							
15.	DO WINDSHIELDS HAVE WIPERS IN PROPE	R OPERATING CONDITION?		X				
16.	ARE REAR VIEW MIRRORS PROVIDED?			X				
17	ARE OPERATING LEVERS OUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT							

	CHECKLIST	YES	NO	NOT APPL
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	V		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?	X		
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?	X		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	X		
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?	X		
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	X		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF OPERATOR?			
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?	X		
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	X		
27.	ARE TIRES IN SERVICEABLE CONDITION?	X		
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	X		
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?	V		
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?	X		
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?	X		
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?	V		
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?	X		
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?	8		
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			X
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			X
37.	IS EQUIPMENT ADEQUATELY GROUNDED?			X
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?	X		
39.	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?	X		
10.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	X		
11.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	X		

	CHECKLIST	YES	NO	NOT
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?		X	
13.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?	V	1	
14.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			X
5.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			X
6.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			X
7.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			X
8.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			X
9.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			X
0.	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			X
1.	IS HIGH VOLTAGE SIGN POSTED?			X
2.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			X
3.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			X
4.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			Y
5.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?			Y
6.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			X
ter	narks:			

Signature Of Competent Mechanic

Synapure Of Superintendent/Quiality Control Engineer

SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPEMENT

ERRG

(Including Cranes, Derricks, and Hoisting Equipment)

PROJECT Hunters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	29 - 141
TYPE AND MAKE OF EQUIPEMENT	MODEL	SERIAL NO.
Excavator	200 0	* FF200CX506789 X

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement.

	CHECKLIST	Yes	No	Not Appl
1.	ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED?	1		
2.	ARE ALL WIRE ROPE CABLES IN GOOD CONDITION?			Le
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED?	V		
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION?	V		
5.	ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED?	-60		
6.	ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES?	V.		
7.,	IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS?	V		
8.	ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR?	V		
9.	IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS?	V		
10.	DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT?	V		
11.	ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR?			V
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?			V
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION?	V		
14.	ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION?	V		
15.	DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION?	1		
16.	ARE REAR VIEW MIRRORS PROVIDED?	1		
17.	ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT ACCIDENTAL STARTING	V		

	CHECKLIST	YES	NO	NOT APPL
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	1		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?	1		1
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?	V		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	8		
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?	V		
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	V		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF OPERATOR?	V		
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?	V		
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	V		
27.	ARE TIRES IN SERVICEABLE CONDITION?			1
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?			V
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?			V
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			be
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?			V
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			V
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			W
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			v
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			4
37.	IS EQUIPMENT ADEQUATELY GROUNDED?			1
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?			V
39.	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?	V		
40.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	V		
41.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	V		

	CHECKLIST	YES	NO	NOT
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			V
43.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?			V
44.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			V
45.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			V
46.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			V
47.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?	~		
18.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			V
49.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			4
50.	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			V
51.	IS HIGH VOLTAGE SIGN POSTED?			U
2.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?		V	
53.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?		V	
54.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?	1		
5.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?	1		
6.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?	6		
Rer	FULLY GREASED.	THE	EC	48
	ification: I Hereby That This Item Of Equipment Is In Good Operating Condition And That It Meets All opt As Noted Under Remarks: Body Aguilera Remarks 4-16 Signature Of Competent Mechanic	Above Re	quireme	nts



(Including Cranes, Derricks, and Hoisting Equipment)

PROJECT Hunters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	29 - 141
Harris Blody Wotor truck	Kenwar Ha	CRS 10-163

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement.

	CHECKLIST	Yes	No	Not Appl
1.	ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED?	V		
2.	ARE ALL WIRE ROPE CABLES IN GOOD CONDITION?			K
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED?			N
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION?			*
5.	ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED?	X		
6.	ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES?	K		
7.	IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS?	K		
8.	ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR?	K		
9.	IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS?	d.		
10.	DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT?	K		
11.	ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR?			X
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?			V
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION?	X		
14.	ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION?	K		
15.	DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION?	K		
16.	ARE REAR VIEW MIRRORS PROVIDED?	K		
17.	ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT ACCIDENTAL STARTING	1		

	CHECKLIST	YES	NO	NOT APPL
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	K		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			x
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?	K		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	X		
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?	K		
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	K		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF OPERATOR?	Х		
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?			X
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	K	5-1	
27.	ARE TIRES IN SERVICEABLE CONDITION?	×		
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	D		
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			X
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?			K
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			K
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?	×		
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			X
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			K
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			X
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			X
37.	IS EQUIPMENT ADEQUATELY GROUNDED?			4
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?			K
39.	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?			K
0.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	X		
11.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?			X

	CHECKLIST	YES	NO	NOT APPL
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			A
43.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?	1		X
44.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			X
45.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			K
46.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			K
47.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			K
48.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			4
49.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			K
50.	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			X
51.	IS HIGH VOLTAGE SIGN POSTED?			x
52.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			K
53.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			K
54.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			X
55.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?			×
56.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			K

Remarks:

Certification: I Hereby That This Item Of Equipment Is In Good Operating Condition And That It Meets All Above Requirements Except As Noted Under Remarks:

Signature Of Competent Mechanic

Signature Of Superintendent/Quiality Control Engineer

PAGE 3 OF 3 PAGES

		(CONTRACTOR QUALIT			RT	REPORT	6/JUN/10
1			(ATTACH ADDITIONAL SE		DA at ID	07 & -18 at Parcel B;	NO	002
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	D-1. and	07 & -18 at Parcel B; t G; and Soil Stockpiles	s at Parcels D-1 and G	s at Faiceis B, B, HPS, SF
	WAS PI	REPARATO	ORY PHASE WORK PREFORMED TODAY?		,			
ŘΥ	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIS	ST.			
TO		nedule vity No.	Definable Feature of Work					Index #
PREPARATORY		,						
ΕΡΑ								
₽RE								
_								
	WAS IN	ITIAL PHA	SE WORK PREFORMED TODAY?			YES NO		•
			AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.				
Ļ		nedule vity No.	Definable Feature of Work					Index #
INITIAL								
Z								
			WITH CONTRACT AS APPROVED DURING IN	ITIAL PHASE?			YES NO	
			WITH SAFETY REQUIREMENTS?				YES NO	J
		nedule vity No.	Description of Work, Testing Performed & By Wh Section, Location and List of Personnel Present	iom, Definable Featu	re of Work, Specifica	ation		
_								
۸-U								
6								
FOLLOW-UP								
ш								
REWORK Sched		DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BU	SINESS)	REWORK ITEMS (Schedule	CORRECTED TODAY (FROI	M REWORK ITEMS LIST)	
Activity		Description			Activity No.	Description		
REMARKS	S (Also F	ynlain Anv	Follow-Up Phase Checklist Item From Above Tha	at Was Answered "NC)") Manuf Ren On-	Site etc		
Sched	ule	Description		it vido / illowered Tve	o), manar. rep on	one, etc.		
Activity 01-Mobili	INU.		ed with the ROICC that first preparatory me	eeting will be held	on 6/17 In the in	nterim checking to make	sure that materials equi	nment and supplies
OT WOOM	Zation		d to the site meet the contract requirem		011 0/ 171 111 1110 11	itemin, encouring to make	ouro triat materiale, equi	smort, and dappined
			ertify that this report is complete and correct and					
complianc	e with th	e contract dr	d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth Bi			6/16/10 DATE
except as	noted in t	nis report.	GOVERNMENT QUALITY ASSU			DATE		DATE
QUALITY A	ASSURA	NCE REP	RESENTATIVE'S REMARKS AND/OR EXCEPTION			DATE		
Schedule Activity No. Description								
							-	
				-	GOVERNMENT OF	JALITY ASSURANCE MANA	GER	DATE
4296/2 (9/9	98)				SOVERNIVIENT QU		HEET 1 OF 1	DATE



Photo 1: Mobilization – Placement of temporary drainage culvert prior to filling in channel. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.)
Date: June 16, 2010



Photo 2: Mobilization – Radiological screening of equipment and personnel.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 16, 2010





Photo 3: Mobilization – Staged fence fabric from shoreline fence for recycle.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 16, 2010



Photo 4: Mobilization – Placement of air monitoring stations **HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California**Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 16, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 17/JUN/10		
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	Parcels D-1 and G,		REPORT NO 003		
CONTRACTOR	Engineering	Remediation Resources	s Group, Inc.	SUPERINTENDENT	J	ames Nores		
AM WEATHER	0 0		PM WEATHER	1		MAX TEMP (F)	IIM	TEMP (F)
C	clear, cool		Sunny, mi			65		59
0.1.1.1			WORK PERFO	ORMED TODAY	1	1	1	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
01	Crew finished ve	egetation removal along north pe	erimeter fence and install of	ERRG	7	Laborers		58
02	privacy screen o	on the north perimeter fence. Ta	ake delivery of and place 20'	ERRG	1	Equipment Operator		2
		rge unloading area at dry dock 3		ERRG	1	Truck Driver		8
	· '	f the survey stakes to secure the pile area perimeter fence. Crew		Tetra Tech Espinoza Surveying	3	Rad Techs Surveyors		24 6
		er/storage container compound		Lspinoza Surveying	2	Surveyors		0
		the mobilized long reach excav-						
						TOTAL WORK HOURS ON JO	ND.	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE,		98
SAFE	TV	WERE THERE ANY LOST TIME	E ACCIDENTS THIS DATE?	□ v=0	■ No	THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO		
		(If YES attach copy of complete	• •	∐ YES	■ NO	HOURS FROM PREVIOUS REPORT		212
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE .)	YES	■ NO			
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		310
Schedule Activity No.	LIST SAFETY AG	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMEN	ITS HAV	'E BEEN MET.
O1	H&S Plan review today, tailgate safety briefing, equipment inspections							
02								
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHEE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
		Cat 322 Long Reach Excava	ator					
		Takehuchi Skidsteer Loader	with grapple and fork attachmen	ts				
		11ea 20' sticks of K rail						
		 						
CONSTRUCTION	AND PLANT EQU		Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY N	IUMBER.			
Schedule	Owner	T	quipment Used Today (incl Make				ı	Hours Used
Activity No.		<u> </u>	quipment Osed Today (incliniare	and Model)				
	Harris Blade ERRG	4K water truck JD 200CLC Excavator						<u>8</u> 0
	Harris Blade	Cat 950 Loader						2
	United Rentals	25 KW Generators- 3ea						24
	Rental Solutions	25KW Generator-1ea						8
	SCS Tracer	Air Monitoring Skids- 3skids						0
	Harris Blade	Cat 322 Long Reach						0
	United Rentals	Takehuchi skidsteer loader						0
Schedule Activity No.	REMARKS							
01								
	<u></u>		laı	mes Nores		6/17/10)	<u> </u>
				CONTRACTOR/SUPERINT	ENDENT	DATE	-	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D)-2608
DATE	TIME	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	INTHU K-RAIL.	AIR SAMPLERS.		
TYPE OF WORK	Continue word Em	2//	fre compound,	nove ChainLi
	out of decon AVAR,			
t		PPICS PRESENTED		
SAFETY TOPICS	-			
PROTECTIVE CLOTHING	G/EQUIPMENT AMES	ma pre		
CHEMICAL HAZARDS	winde			
	NONE	and the Cartherine of		Land To the
PHYSICAL HAZARDS	STAF, WOST WICK	USS-FACE SHOELDS +1	KOST ALKY FROM FORT	HARVY LEADS
EMERGENCY PROCEDU		any injury to Supervisor; Supe	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHOI		AND A STATE OF THE PARTY OF THE	911
	3555 Cesar Chavez, San Francisco			
CIAL EQUIPMENT	SEED COM STORES SERVICES	None		
CIAL EQUIPMENT		HOHE		
NOTE:				
		ATTENDEES		
NAME PRINTED		OMPANY	SIGNATURE	
Heather Wolleng	ENCLIP F	ERRC .	Alien To Wal	ercein-
Viliamy Lala		CRGI	7/10-6	0
Roberto Agui		seeg_	Haut by	els-a
	Loca E	006	Dun (Oc	me
ILMACIO RU		PINESA	Lear Pill	The same
Jum Lavet		PINOSIZ	MARKO	//
1/1/1/// / / / / /	°5E	PRIZ	Mayer C	Ma
JOHN SOURIAL		wwodel	1281 0	0.
JOE Commission		at t	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Alan Porce		TIPE	V KZ	
BERT, BOY	X=21	Heri .	19977	
Born Persilly		061	3+1/1	
BORS PERFILL		LEG.	13-3/	
TEXNAUN LE		CRG C	The s	
Health & Safety Officer	DICK EPP	SUPERINT	ENDENT AMES	X loge c
/	ma			11/1
SIGNATURE /	Hemm	SIGNATUR	E June C	Muy

TAILGATE Dusandra 0810 6-17-10 Susan andseus archie Jackson Susan Andrews NWE ARChie TACKSON NWE 6-17-10

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
RGDay:	THURS	Date:	6/17/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	
Weather:	CLEAR	Page:	/ of /
Site Visitors:	See Tailgate Sign In Log.		
Description of Field	Activities:		
SAFETY TR	HIGHTE - REVIEWED DARY PLAN	NOD ACT	ivity (JUM NORES)
SAFIETY	TOPICS - S, T+F, WATER SAFETY.	wood u	MAKKER USE-FACE
SHIPLDS	& EGGP DISTANCE AWAY FROM FOUT,	Equipment	T MOVEMENT AWARDED,
_ LIETING	+ HEAVY LOADS IN K-RAIL & K-RAILS IN	PLACE BY	VELIDOR
SET OUT I	DATA-RAMS IN SITE 18, LOGGING I	DATA	
OBSIDEVION	PLACOMENT OF RING BUDYS, SUR	VEYORS ES	MUSHING TOU OF
REVETM	OUT GXAVATION		
	T MONITORING STATIONS (HI-VOLUM	E UNITS !	(3 LOCATIONS)
STORTED @	1000		
1300 CREN	CONTINUING TO SET UP PRIVACY SCREE	A ALONG	NORTH FENCE
BOUNDA	RY , SECURINE SURVEY STAKES , PLACIN	6 DRAIN	ROCK OVER PIPE TO
BUILD	UP SWALE		
-			
-			
·			
Signad		Date:	
Signed:		Date.	

AIR MONITORING LOG SHEET

Prepared by: Project Name:

Site Location:

San Francisco, CA

Calibration (Date and Time):

Licik Epp Hunter's Point Parcel B IR07/18

6/17/10

Client:

USNAVY

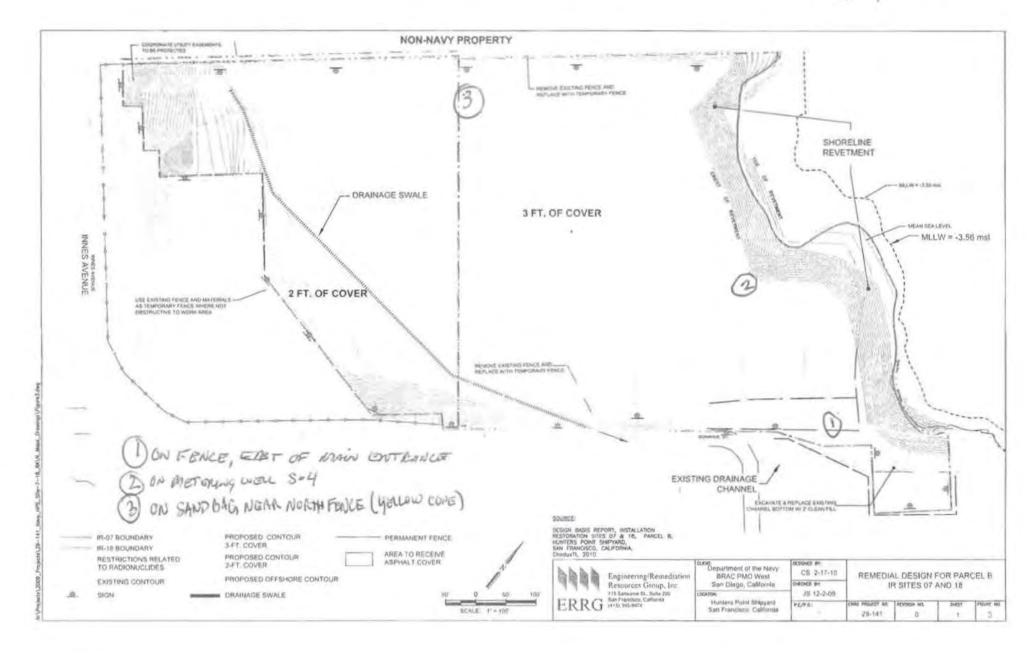
Project No.:

Page:

Standard Used:

AIR BAG

Location	Date	Time	CONC In	strument Tul A	Comments
#1	6/17/10	0734	0.046	0,046	10971
#2	1/1	0739	0,048	0,043	10972
# 3		6744	0.049	0.046	14973
#2		0835	WET-NO	ROADING	10972
#3)	0839	0.053	0,039	10973
#/	/	0846	0,035	0,035	10971
#1		0929	0.027	0,037	10 971
#2		0931		READING	10972
#3		0940	0,038	0,037	16973
4/		1123	0.31	0,31	10971 - GRANGE BATE,
+2		1126	0.009	0.008	18972
# 3		1/29	0.026	0,032	109-73
#2		1511	0.011	0.011	10972
#3	1	1314	0.024	0.029	10973
#1		1331	0.029	0.028	10971
#3		1501	0.035	0.028	10973
#2		1500	0.061	0.013	10972
#1		1507	0.031	0.028	10971
***		1	1		17.11
			10,000 (14		
			-		
		-	-		
	-				
	-		-		



11	A	A
ER	R	G

(Including Cranes, Derricks, and Hoisting Equipment)

PROJECT Hunters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	CONTRACT NO. 29 - 141
Hoyris black Water truck	Herworth,	SERIAL NO.

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement.

	CHECKLIST	Yes	No	Not Appl
1.	ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED?	K		
2.	ARE ALL WIRE ROPE CABLES IN GOOD CONDITION?			K
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED?	X		
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION?			X
5.	ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED?	X		
6.	ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES?	1		
7.	IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS?	K		
8.	ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR?	X		
9.	IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS?	V		
10.	DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT?	K		灵
11.	ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR?			X
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?			K
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION?	X		
14.	ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION?	1		
15.	DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION?	x		
16.	ARE REAR VIEW MIRRORS PROVIDED?	N		
17.	ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT ACCIDENTAL STARTING	N		

CHECKLIST	YES	NO	NOT APPL
IGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	X		
LL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			X
REVERSE SIGNAL ALARMS ON EQUIPMENT?	¥		
BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	X		
ALL HOT PIPES AND SURFACES SUITABLY GUARDED?	X		
FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT ENGINE OR EXHAUST?	X		
EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR TRUCT VIEW OF OPERATOR?	V		
GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?			X
ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	X		
TIRES IN SERVICEABLE CONDITION?	×		
STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	×		
DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR KING BODY IN RAISED POSITION?			x
TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR E DUMPING LOADS?			K
FRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			X
HOSE FREE FROM LEAKS OR DEFECTS?			X
SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			X
DEPTABLE SPARK ARREST OR INSTALLED AND WORKING?	×		
ATING DEVICES COMPLY WITH REFERENCES?			X
WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			N
IPMENT ADEQUATELY GROUNDED?			a
ECTRICAL COMPONENTS COMPLY WITH CODE?			x
EQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND BLE?			X
PROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	X		
DMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	R		

CHECKLIST	YES	NO	NOT
ELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			X
YDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?			X
NCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			1
LEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			X
ONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			X
ILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			X
ATERIAL HOISTS CONFORM TO ANSI A10.5?			1
ASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN RDANCE TO ANSI A10.22?			1
AND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			6
H VOLTAGE SIGN POSTED?			×
JIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			1
RE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			X
BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			7
ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?			X
KING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY NG A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			X

EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?	AND SAFELY	×
	n And That It Meets All Al	oove Requirements
	n And That It Meets All At	ove Requirements
ereby That This Item Of Equipment Is In Good Operating Condition Inder Remarks: Ark Signature Of Competent Mechanic	n And That It Meets All Al	2010

ERRG

ACCIDENTAL STARTING

11114	nters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	CONTRACT NO.	29 - 14	1	
1	EAND MAKE OF EQUIPEMENT	MODEL 950 H	SERIAL NO.	HT HI	51	2038
cer at l	fore any machinery or mechanized equipment tified to be in good operating condition. Re- Project or Resident Office, Checklist, set for unual, 1 Oct 87. The appropriate EM paragra	cords of tasks and inspect th herein requires the app	be inspected and tested by a clions shall be maintained as pa lication of EM 385-1-1, Safety	competent rt of the a and Hea	mechan ctive cor	ic and stract file
	СН	ECKLIST		Yes	No	Not Appl
1,	ARE ADEQUATE AND SERVICEABLE FIRE	EXTINGUISHERS PROVID	ED?		X	-
2.	ARE ALL WIRE ROPE CABLES IN GOOD CO	ONDITION?			3	X
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THI APPLIED?	MBLES AND CLIPS ADEQU	JATE AND PROPERLY			X
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES,	RINOS, ETC., IN GOOD C	ONDITION?			X
5.	ARE NECESSARY PLATFORMS, ETC., FOO	TWALKS, ETC., PROVIDED	0?	X		
6.	ARE ACCESS STEPS, PLATFORMS, ETC., F	PROVIDED WITH NON-SLIP	SURFACES?	X		
7.	IS OPERATOR PROTECTED AGAINST THE LOADS AND SIMILAR HAZARDS?	ELEMENTS, FALLING OR	FLYING OBJECTS, SWINGING	X		
8.	ARE ALL GLASSES IN OPERATOR'S COMPA	ARTMENT SAFETY GLASS	AND IN GOOD REPAIR?	X		
9,	IS SUITABLE ACCESS PROVIDED TO LUBR	ICATION POINTS?		X		
10.	DO ALL MODIFICATIONS, EXTENSIONS, RE EQUIPMENT MAINTAIN THE SAME FACTOR					X
11.	ARE DRUMS FOR LOAD LINES EQUIPPED V APPLIED DIRECTLY TO THE MOTOR SHAFT					X
12.	IS THEE SUFFICIENT CABLE TO ALLOW TW WORKING POSITIONS?	O FULL WRAPS OF CABL	E ON DRUMS AT ALL			X
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS PROPER OPERATING CONDITION?	S AND TURN SIGNALS PR	OVIDED AND ARE THEY IN	X		
14.	ARE ALL APPROVED BRAKES ON WHEELER CONDITION?	D EQUIPMENT AND IN GO	OD OPERATING	X		
15.	DO WINDSHIELDS HAVE WIPERS IN PROPE	R OPERATING CONDITIO	N?	X		
16.	ARE REAR VIEW MIRRORS PROVIDED?			X		
17	ARE OPERATING LEVERS OLIPPED WITH I	ATCH OR OTHER DEVICE	S TO PREVENT			8.4

	CHECKLIST	YES	NO	NOT APPL
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	X		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			X
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?			X
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?			X
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?		X	1
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	X	-	
24.		X		
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?		000.	X
26,	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	X		
27,	ARE TIRES IN SERVICEABLE CONDITION?	X		
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	1		X
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			X
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?			X
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?	X		-1
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?			X
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			X
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			X
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			X
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			X
37.	IS EQUIPMENT ADEQUATELY GROUNDED?			X
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?	X		
39.	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?	X		
10	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	X		
11.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	X		

CHECKLIST	YES	NO	APP
DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			X
DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?			X
IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			X
ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			X
DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			X
ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			X
DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			X
DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			X
DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			X
IS HIGH VOLTAGE SIGN POSTED?			X
IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			X
IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			X
IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			X
HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?	X		
IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			X
	II Above Re	quireme	nts
	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS? DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS? IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES? ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2? DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01? ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES? DO MATERIAL HOISTS CONFORM TO ANSI A10.5? DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22? DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS? IS HIGH VOLTAGE SIGN POSTED? IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES? IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM? IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR? HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION? IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? INTERPRETATION OF THE POSITIVE STOPS FOR ROTATION CONTRIBUTED OF THE POSITIVE STOPS FOR ROTATION? IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? INTERPRETATION OF THE POSITIVE STOPS FOR ROTATION CONTRIBUTED OF THE POSITIVE STOPS FOR ROTATION OF THE POSITIVE STOPS FOR ROTATION OF THE POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES? IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR? HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION? IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? THAT AS NOTED THAT THIS ITEM OF Equipment Is In GOOD OPERATING CONDITION AND THAT IT MEETS A POSITION OF THE POSITIVE STOPS FOR ROTATION OF THE POSITIVE STOPS F	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS? DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS? IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES? ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2? DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01? ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES? DO MATERIAL HOISTS CONFORM TO ANSI A10.5? DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22? DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS? IS HIGH VOLTAGE SIGN POSTED? IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES? IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM? IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR? HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION? IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? TRIPES. Iffication: I Hereby That This Item Of Equipment Is In Good Operating Condition And That It Meets All Above Rept As Noted Under Remarks:	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS? DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS? IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES? ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2? DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01? ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES? DO MATERIAL HOISTS CONFORM TO ANSI A10.5? DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22? DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS? IS HIGH VOLTAGE SIGN POSTED? IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES? IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM? IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR? HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION? IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? INSIGNATION OF THE FULL RATED LOAD AS REQUIRED? INTERPRETATION OF THE FULL RATED LOAD AS REQUIRED?



(Including Cranes, Derricks, and Hoisting Equipment)

PROJECT Hunters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	CONTRACT NO. 29 - 141
TYPE AND MAKE OF EQUIPEMENT	MODEL	SERIAL NO.
Wheel Loader	CAT 950 H	CAT 0950 HJK5 K00381

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement.

	CHECKLIST	Yes	No	Not Appl
1.	ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED?		X	
2.	ARE ALL WIRE ROPE CABLES IN GOOD CONDITION?			X
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED?			X
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION?			X
5.	ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED?	X		
6.	ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES?	X		
7.	IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS?	X		
8.	ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR?	X		
9.	IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS?	X		
10.	DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT?			X
11.	ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR?			X
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?			X
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION?	X		
14.	ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION?	X		
15.	DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION?	X		
16.	ARE REAR VIEW MIRRORS PROVIDED?	X		
17.	ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT ACCIDENTAL STARTING			X

	CHECKLIST	YES	NO	NOT APPL
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	X		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			X
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?	X		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	X		
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?		X	
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	X	,	
24.		X		
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?			X
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	X		
27.	ARE TIRES IN SERVICEABLE CONDITION?	X		
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	京		X
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			X
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?			X
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?	X	1	
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?			X
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			X
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			X
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?	X		
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			X
37	IS EQUIPMENT ADEQUATELY GROUNDED?	著		X
88,	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?	X		
39.	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?	X		
0.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	X		
1.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	X		

	CHECKLIST	YES	NO	NOT APPL
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			X
43.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?			X
44.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			X
45.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			X
46.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			X
47.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			X
48.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			X
49.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			X
50.	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			X
51.	IS HIGH VOLTAGE SIGN POSTED?		X	
52.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			X
53.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			X
54.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			X
55.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?	X		
56.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			X
Ren	narks:			

		CONTRACTOR QUAL)K I	REPORT 202				
		(ATTACH ADDITIONAL		RY)		NO	003	
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT	ITLE KA at IR- D-1, and	07 & -18 at Parcel B; Soil G; and Soil Stockpiles at F	Parcels D-1 and G	at Parcels B, <u>HPS</u> , SF	
	WAS PREPARA	TORY PHASE WORK PREFORMED TODAY?		., 5010	YES NO	0,		
RΥ		T AND ATTACH SUPPLEMENTAL PREPARATO	ORY PHASE CHECKLIS	ST.			1	
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index #	
₹R/	01	Mobilization						
EP/	02	Site Clearing and Demolition						
PR								
		HASE WORK PREFORMED TODAY?			YES NO			
	Schedule	IT AND ATTACH SUPPLEMENTAL INITIAL PHA	ASÉ CHECKLIST.				1	
AL.	Activity No.	Definable Feature of Work					Index #	
INITIAL	01	Mobilization						
=	02	Site Clearing and Demolition						
	MUBK COMBI	ES WITH CONTRACT AS APPROVED DURING	INITIAL PHASE?		YES	s NO 🗌		
		ES WITH CONTRACT AS APPROVED DURING ES WITH SAFETY REQUIREMENTS?	HALLAL FLIAGE!		YES	= =		
	Schedule	Description of Work, Testing Performed & By	Whom, Definable Featu	re of Work, Specific				
	Activity No.	Section, Location and List of Personnel Prese	ent					
	01		Continued installing privacy screen, mobilization and set up of K-rail at barge unloading area, setup of air monitoring stations, compared to the continued installing privacy screen, mobilization and set up of K-rail at barge unloading area, setup of air monitoring stations, compared to the continued installing privacy screen, mobilization and set up of K-rail at barge unloading area, setup of air monitoring stations, compared to the continued installing privacy screen, mobilization and set up of K-rail at barge unloading area, setup of air monitoring stations, compared to the continued installing privacy screen, mobilization and set up of K-rail at barge unloading area, setup of air monitoring stations, compared to the continued installing privacy screen.					
P		shoreline survey and staking, installation of temporar			ert in drainage channel for veh	hicular and equipment	route, verified that	
M -	02	activities performed conformed to the m Clearing vegetation with weed wackers		se norformed ass	formed to the site electing and	d demolition charlelist		
FOLLOW-UP	UZ	Occarring vegetation with weed wackers	o, vermeu mat activitio	so penomieu con	normed to the site cleaning and	и четновион спескilst.		
DEMOS	ITEMO IDE: ITEM	ED TODAY (NOT CORRECTED BY CORRECTED	DI IOINECO:	DEWORK :==:	00DDE0TED T0DAY (53.00)	WORK ITEMS (: : : : :		
REWORK Sched	ule I	ED TODAY (NOT CORRECTED BY CLOSE OF	ROSINESS)	REWORK ITEMS Schedule	CORRECTED TODAY (FROM RE	WURK HEMS LIST)		
Activity		UII		Activity No.	Description			
REMARKS	S (Also Explain A	ny Follow-Up Phase Checklist Item From Above	That Was Answered "No	To"), Manuf. Rep On-	Site, etc.			
Sched	ule Descript			•				
Activity	NO.							
		certify that this report is complete and correct and					0/47/40	
complianc		and work performed during this reporting period is in drawings and specifications to the best of my knowled	dge	Elizabeth B	INNING MANAGER AT SITE		6/17/10 DATE	
слеері ав і	noted in this report	GOVERNMENT QUALITY ASS			DATE		DATE	
QUALITY A	ASSURANCE RE	PRESENTATIVE'S REMARKS AND/OR EXCEP			DATE			
Sched Activity		ion						
, totavity								
			-			-		
				00//50//	IALITY ACCUIDANCE			
4296/2 (9/9	98)			GOVERNMENT QU	JALITY ASSURANCE MANAGER SHEET	Γ 1 OF 1	DATE	



Photo 1: Mobilization – Placement of K-rail at barge offloading area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Heather Wollenburg (ERRG, Inc.)

Date: June 17, 2010



Photo 2: Mobilization – Air monitoring station 2.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Heather Wollenburg (ERRG, Inc.)

Date: June 17, 2010





Photo 3: Mobilization – Life rings along shoreline. **HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California**Photographed by: Heather Wollenburg (ERRG, Inc.)

Date: June 17, 2010



Photo 4: Mobilization – Installation of culvert and temporary haul route.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Heather Wollenburg (ERRG, Inc.)

Date: June 17, 2010





Photo 5: Mobilization – Shoreline survey grade stakes

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: John Sourial (ERRG, Inc.)

Date: June 17, 2010



	CC		RODUCTION RE	EPORT		DATE 18/JI	UN/10	0
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO	004	ļ
CONTRACTOR	- Fngineering	g/Remediation Resource	es Group Inc	SUPERINTENDENT	_ J	ames Nores	_	_
AM WEATHER		// Comodication (Cook. 2 2	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
C	Clear, cool		Sunny, mi			65		59
	+		WORK PERFO	ORMED TODAY		+		
Schedule Activity No.		WORK LOCATION AND DE	ESCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
•	Finish veg remo	oval along south perimeter fence	e, install privacy screen.	ERRG	9	Laborers	$\overline{}$	72
		ris screening area. Install secon		ERRG	2	Equipment Operator		10
	point in the hau	ul route from the barge unload ar	rea. Mobilize JD 310 backhoe	ERRG	1	Truck Driver		8
	1000' of silt cur	tain, 2ea- 6cy rubbish bins and	15 more chain link fence panels.	Tetra Tech	3	Rad Techs		24
		ve on J stand for hydrant, place		<u> </u>				
	TT performed in	nitial rad screen on mobilized ba	ickhoe.	<u> </u>			\longrightarrow	
	 			 			\longrightarrow	
	 					 	\longrightarrow	
·		-			+	+	\rightarrow	
<u> </u>			-		+		$\overline{}$	
		WAS A JOB SAFETY MEETIN	IG HELD THIS DATE?	- VEO	П.,,	TOTAL WORK HOURS ON JO	ЭВ	444
JO		(If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHE	ETS	114
SAFE	ETY	WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS	RK	210
WAS CRANE/MAI	NLIFT/TRENCHI	NG/SCAFFOLD/HV ELEC/HIGH	H WORK/ HAZMAT WORK DONE	=? □ v=o	■ No	REPORT		310
(If YES attach state	tement or checklis	st showing inspection performed	d.)	YES YES	■ NO	TOTAL WORK HOURS FROM	1	40.4
		ASTE RELEASED INTO THE E nt and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		424
Schedule	1		ETY INSPECTIONS CONDUCTED	D.		SAFETY REQUIREMEN	ATS HA	VE REEN MET
Activity No.						MI ONI ETT NESCONCINE.	110111.	/E DLLIN IVIL 1 .
	H&S Plan revie	ew today, tailgate safety briefing,	equipment inspections					
	-							
EQUIPMENT/MAT	L FERIAL RECEIVE	ED TODAY TO BE INCORPOR	ATED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER	()			
Schedule	Submittal #	Description of Equipment/Ma	aterial Received					
Activity No.		1000' Silt Curtain						
	 	214 LF Fence Panel						
		2ea 6cy debris bins						
		JD310 Backhoe						
CONSTRUCTION	AND PLANT EC	UIPMENT ON JOB SITE TODA	AY. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction F	Equipment Used Today (incl Make	and Model)				Hours Used
ACTIVITY INC.	Harris Blade	4K water truck					\longrightarrow	8
	ERRG	JD 200CLC Excavator					\longrightarrow	4
	Harris Blade	Cat 950 Loader					\rightarrow	6
	United Rentals	+					\neg	24
	Rental Solution	ns 25KW Generator-1ea						8
	SCS Tracer	Air Monitoring Skids- 3skids						24
	Harris Blade	Cat 322 Long Reach						0
	United Rentals	Takehuchi skidsteer loader						4
Schedule Activity No.	REMARKS							
	<u> </u>							
	<u> </u>							
	 							
	 							
	 							
						6/19/1(<u> </u>	
				mes Nores		6/18/10)	i.
				CONTRACTOR/SUPERIN	11 ENDEN I	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CC		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 18/	JUN/1	0
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	Parcels D-1 and G,		REPORT NO 0	04 cc	ont.
CONTRACTOR	Engineering	/Remediation Resources	s Group, Inc.	SUPERINTENDENT	J	ames Nores		
AM WEATHER	Clear, cool		PM WEATHER Sunny, mi	ld		MAX TEMP (F) 65	MI	N TEMP (F) 59
	, , , , ,		_	ORMED TODAY		00		
Schedule Activity No.		WORK LOCATION AND DE		EMPLOYER	NUMBER	TRADE		HRS
Activity No.								
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON J SITE, THIS DATE, INCL CON'T SH		
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete	YES	□ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT			
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)					☐ NO			
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? YES NO						TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE							
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
CONCERNICATION	AND DI ANT EO	LUDINENIT ON JOB OUTS TODAY	V INDIGATE HOURS HOED AN	ID 00115D1115 4 0711117/A				
Schedule	I	T	Y. INDICATE HOURS USED AN		NUMBER.			Ī
Activity No.	Owner	· ·	quipment Used Today (incl Make	and Model)				Hours Used
	ERRG	JD310 Backhoe						0
Schedule Activity No.	REMARKS	•						
	<u> </u>			Na		6/40/4	0	
				mes Nores CONTRACTOR/SUPERIN	TENDENT	6/18/1	U	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

TE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE (0/18)	10 TIME	CTOO PROJECT NUMBER	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION		in the property of	danning full Congress PAR
			RUSSING, CONSTRUCT RAD
TYPE OF WORK	1101818 SCROWSING	NEWS PRIVACY SCRO	ON ON SOUTH WEST POUMEN FONCE
SAFETY TOPICS		TY TOPICS PRESENTED	
	TRAFFIE , DUST	200.202	and the second second
PROTECTIVE CLOTHING	5/ EQUIPMENT	CHAPS I-UL WOOD WACH	CER & LIETE VIEST NUME WATER
CHEMICAL HAZARDS	NONE		
PHYSICAL HAZARDS		LOUIS FOOTING ON RICK	,
EMERGENCY PROCEDUR	RES Employee to	report any injury to Supervisor; Sup	pervisor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/ 415-641-6625(E	R) PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Fra	incisco, CA 941124	
ECIAL EQUIPMENT		None	
Company of the Compan			
		ATTENDEES	
Healher Wollens	Li con	COMPANY	SIGNATURE
Mente VALEN		FRRE	Frank T. Palerrie
Manu Could		ERRE	Telianer Al Poo
Bonia Poutillo		EVR6	Bois partille
ESTAL DE	oro -	FRAGE	When (You'll
FERNANDO, 6		LRR6	La GA
Roberto Han	lera	ERRG	Full Thulse
PAFAEL CO	2A	ERR6	That find
ENIZIQUE MAIZTILL		T. D. FERT	The state of the s
JUE CUMMINGHOUR	-	Nat	The Xho
Adam Rema		OTTEG	10/2 1
LIA BITHISSANDI		Shais	LIEW WORLD
BERT BOWG		teat	O Date
ARCHIE JACK		NUE	Misan andrews
LIZ BIANIN		FR QG	
	J		strong Il
ealth & Safety Officer	DICK EPP	SUPERIN	TENDENT VIVES / VORES
SIGNATURE	Many	SIGNATU	RE Janes Colley

DAILY FIELD ACTIVITY LOG

Prepared by: 'RGDay: Project Name: Weather: Site Visitors: Description of Field	Richard Epp FIZIDAY HPS Remediation Sites 7-18 Parcel B, Hotspots CLOUDY, WIMM See Tailgate Sign In Log. Activities:	_Client: _Date: _Project No.: _Page:	Dept of the N 6/15/10 29-141	avy of	1
	USATE - S, T +F, MUSTS, LIFE IN	ICKUTS NO	an waren	VETTE	15
DATA RAW [NSTAUD)	CHING MONG SOUTH FONCE AND TRAILE, PRIVACY SCREEN ON SOUTH POSKIMU IS DEPLOYED, REPAININGS LOGGED DRAINING DITCH CROSSING NOAR BARGE O	The Fouce			
STATIONA	TO RECTIVE MATERIAL + EQUIPMENT OF MAR SAMPLERS IN CRONATION FOR 2 and very in PLACE MONG ENTONS REDGE.		MOTURE DAD	SCRUE	40
	EVEN RADIOUSICAL PAD"	"CONSTRU	ines or si	wee a	b€
Signed:	Cyp	Date:	6/18/10		

AIR MONITORING LOG SHEET

Prepared by: Project Name:

Site Location:

San Francisco, CA

Calibration (Date and Time): 6/16/10 @ 08/15

Hunter's Point Parcel B IR07/18

Client:

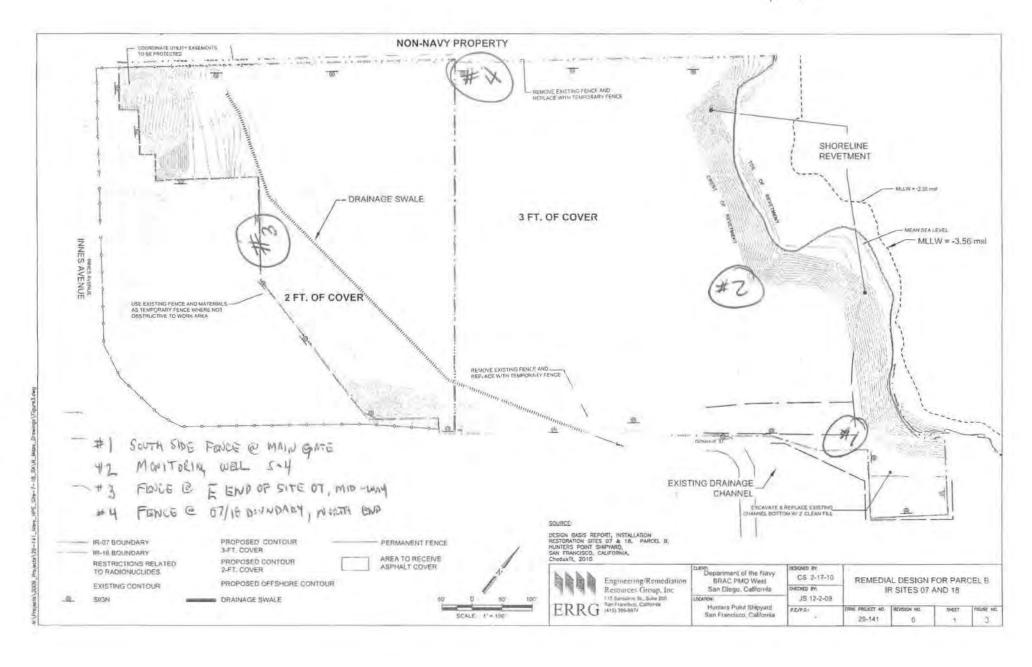
Project No.: Page:

US NAVY 29-141

Standard Used:

MIN 1519

Location	Date	Time	conc. In	strument TWA DataRAM	Comments
#1	6/18/10	0830	0.041	0.044	10973
	11	0835	0,029	0 045	10971
#3		8844	0,056	0.057	10972
# 1		0942	0.041	0.049	16973
#2		0944	0.037	0.036	10971
#3		0954	0.048	0.052	10972
41		1040	0.036	0.043	10973
#2		1041	0,624	0.032	10971
# 2 # 3		1045	0.042	0.049	109 72 (4000)
#4		1049	0.044	0.049	10972
#1		1146	0,029	0.040	10973
#2		1149	0.021	0,029	10971
#4		1152	0.032	0.044	10972
#1		1251	0:031	0.038	10973
H-2		1254	0.016	0.026	10971
#4		1257	0.044	0.041	10972
#1		1350	0.027	0,036	16973
#2		1353	0.003	0-025	10971
#4		1356	0.033	0.040	10972
		1526	0,060	6.639	10972
#4 #2		1528	0.010	0.021	10971
#/		1536	0.021	0.034	10973
	1				
			-		
			-	-	
	-		-		



SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPEMENT (Including Cranes, Derricks, and Hoisting Equipment) CONTRACTOR PROJECT CONTRACT NO. Hunters Point Shipyard, Sites 7 & 18 Parcel B ERRG, Inc. 29 - 141 TYPE AND MAKE OF EQUIPEMENT MODEL SERIAL NO. 200 Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement. Not CHECKLIST Yes No Appl ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED? ARE ALL WIRE ROPE CABLES IN GOOD CONDITION? ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED? ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION? 5. ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED? ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES? 6. IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS? ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR? 8 9 IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS? DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT? 11. ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE. APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR? 12. IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS? ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION? ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION? DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION? 15 16. ARE REAR VIEW MIRRORS PROVIDED?

17. ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT

ACCIDENTAL STARTING

	CHECKLIST	YES	NO	NOT
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	-		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			-
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?	2		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	-	-	
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?		-	_
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	2		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF OPERATOR?	2	×	
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?	2		
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	-		
27.	ARE TIRES IN SERVICEABLE CONDITION?			-
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?			
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?	2		
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			č
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?			-
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			_
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			/
37.	IS EQUIPMENT ADEQUATELY GROUNDED?		-	
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?			
39	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?			
10.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?			
1.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	/		

CHECKLIST	YES	NO	NOT APPL
OO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			-
OO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?	-		
S CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			-
RE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?	-		
O CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			-
RE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			
O MATERIAL HOISTS CONFORM TO ANSI A10.5?			_
O PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN CCORDANCE TO ANSI A10.22?			
O HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			
HIGH VOLTAGE SIGN POSTED?			
EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			
THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?		,	
THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			1
AVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?			
BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY DLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			
ks:			

Signature Of Competent Mechanic

Signature Of Superintendent/Quiality Control Engineer

SHIO

SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPEMENT (Including Cranes, Derricks, and Hoisting Equipment) CONTRACTOR PROJECT CONTRACT NO. Hunters Point Shipyard, Sites 7 & 18 Parcel B ERRG, Inc. TYPE AND MAKE OF EQUIPEMENT SERIAL NO. MODEL Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement. Not CHECKLIST No Yes Appl 1. ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED? ARE ALL WIRE ROPE CABLES IN GOOD CONDITION? 2 ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY K APPLIED? ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION? 4. 5 ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED? 6. ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES? IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING. LOADS AND SIMILAR HAZARDS? ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR? IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS? DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT? 11. ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR? IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS? 13. ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION? ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING 14 CONDITION? DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION? 16. ARE REAR VIEW MIRRORS PROVIDED?

17. ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT

ACCIDENTAL STARTING

	CHECKLIST	YES	NO	NOT APPL
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	X		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			X
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?	X		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	V		
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?	X		
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	X		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF OPERATOR?	X		
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?			Y
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	X		
27.	ARE TIRES IN SERVICEABLE CONDITION?	K		
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	K		
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			X
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?			¥
31_	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			4
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?	K		
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			N
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?	4		
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			X
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			d
37.	IS EQUIPMENT ADEQUATELY GROUNDED?			X
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?			K
39,	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?	X		g.
10.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	Y		
11.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	V		

DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS? DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS? IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES? ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			A.
IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			
			N
ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			1
			1
DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			K
ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			1
DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			٨
			K
DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			X
IS HIGH VOLTAGE SIGN POSTED?			V
IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			1
IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			1
IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			X
HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?			V
병하는 사람들이 하는 경험에 가장 하는 경험에 되었다. 전문에 가장 사람들이 하는 사람들이 하는 사람들이 하는 사람들이 가장 사람들이 살아지고 하는 것이다. 그렇게 하는 사람들이 하는 것이다.			2
	Above Re	quireme	nts
Man SHIG	120		
	Signature Of Competent Mechanic	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22? DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS? IS HIGH VOLTAGE SIGN POSTED? IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES? IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM? IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR? HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION? IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITCH BOOM POSITION IN INDICATOR OPERATING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITCH BOOM POSITION IN INDICATOR OPERATING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITCH BOOM POSITION IN INDICATOR OPERATING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITCH BOOM POSITION IN INDICATOR OPERATION OF THE POSITION OF THE POSI	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22? DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS? IS HIGH VOLTAGE SIGN POSTED? IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES? IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM? IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR? HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION? IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITHERE ANY VISIBLE EVIDENCE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITHERE ANY VISIBLE EVIDENCE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITHERE ANY VISIBLE EVIDENCE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITHERE ANY VISIBLE EVIDENCE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITHERE ANY VISIBLE EVIDENCE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED? BITHERE ANY VISIBLE EVIDENCE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING AND SAFELY HOLDIN

SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPEMENT

ERRG

(Including Cranes, Derricks, and Hoisting Equipment)

PROJECT Hunters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	29 - 141
TYPE AND MAKE OF EQUIPEMENT TAKEHUCH I	MODEL 130	SERIAL NO. 21305117

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist, set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement.

	CHECKLIST	Yes	No	Not Appl
1.	ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED?	V		
2.	ARE ALL WIRE ROPE CABLES IN GOOD CONDITION?			V
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED?			4
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION?			-
5.	ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED?	1		
6.	ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES?	1		
7.	IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS?	-		
8.	ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR?			90
9.	IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS?	~		
10.	DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGNED EQUIPMENT?	(Lie		
11.	ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR?			6
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?			-
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONDITION?	6		
14.	ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT AND IN GOOD OPERATING CONDITION?	-		
15.	DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION?			V
16.	ARE REAR VIEW MIRRORS PROVIDED?	~		
17.	ARE OPERATING LEVERS QUIPPED WITH LATCH OR OTHER DEVICES TO PREVENT ACCIDENTAL STARTING		~	

CHECKLIST	YES	NO	NOT APPL
NGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?			
ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?			L-
REVERSE SIGNAL ALARMS ON EQUIPMENT?	1		
BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	1		
ALL HOT PIPES AND SURFACES SUITABLY GUARDED?		4	
FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT I ENGINE OR EXHAUST?	~		
EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR TRUCT VIEW OF OPERATOR?	~		
GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?	1		
ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	1		
TIRES IN SERVICEABLE CONDITION?	12.1		~
STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?			-
DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR (ING BODY IN RAISED POSITION?			1
TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR E DUMPING LOADS?	~		
TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			-
R HOSE FREE FROM LEAKS OR DEFECTS?			1
SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?	V		
CEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			V
EATING DEVICES COMPLY WITH REFERENCES?		1	-
WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			X-
JIPMENT ADEQUATELY GROUNDED?	V		
ECTRICAL COMPONENTS COMPLY WITH CODE?			
EQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND ABLE?	~		
PPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?			
OMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?			

	CHECKLIST	YES	NO	NOT APPL
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			-
43.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?	-		
44.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			-
45.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?	1		
46.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			1
47.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			-
48.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			-
49.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			1
50.	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			1
51.	IS HIGH VOLTAGE SIGN POSTED?			~
52.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?	~		
53.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?		i	
54.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			-
55.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?	1		
56.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?	-		
Ren	narks:			

Certification: I Hereby That This Item Of Equipment Is In Good Operating Condition And That It Meets All Above Requirements Except As Noted Under Remarks:

Signature Of Competent Mechanic

Signature Of Superintendent/Quiality Control Engineer

Date

SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPEMENT

ERRG

(In	cluding Cranes, Derricks, and Hoisting Equip	ment)							
	nters Point Shipyard, Sites 7 & 18 Parcel B	CONTRACTOR ERRG, Inc.	CONTRACT NO.	7 NO. 29 - 141					
1	EAND MAKE OF EQUIPEMENT LEGALER	950H	SERIALNO.	ERIALNO. 14+0950HJK5K0038					
cer at l	fore any machinery or mechanized equipmentified to be in good operating condition. Responder or Resident Office, Checklist, set formula, 1 Oct 87. The appropriate EM paragra	cords of tasks and inspect th herein requires the app	ions shall be maintained as pa lication of EM 385-1-1, Safety	rt of the a	ctive cor	tract file			
	СН	ECKLIST		Yes	No	Not Appl			
1.	ARE ADEQUATE AND SERVICEABLE FIRE	EXTINGUISHERS PROVID	ED?		X				
2.	ARE ALL WIRE ROPE CABLES IN GOOD CO	ONDITION?				X			
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THE APPLIED?	MBLES AND CLIPS ADEQU	JATE AND PROPERLY			X			
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES,			X					
5.	ARE NECESSARY PLATFORMS, ETC., FOO	X							
6.	ARE ACCESS STEPS, PLATFORMS, ETC., F	PROVIDED WITH NON-SLIF	SURFACES?	X					
7.	IS OPERATOR PROTECTED AGAINST THE LOADS AND SIMILAR HAZARDS?	ELEMENTS, FALLING OR	FLYING OBJECTS, SWINGING	X					
8.	ARE ALL GLASSES IN OPERATOR'S COMP.	ARTMENT SAFETY GLASS	AND IN GOOD REPAIR?	X					
9.	IS SUITABLE ACCESS PROVIDED TO LUBR	ICATION POINTS?		X					
10,	DO ALL MODIFICATIONS, EXTENSIONS, RE EQUIPMENT MAINTAIN THE SAME FACTOR					X			
11.	ARE DRUMS FOR LOAD LINES EQUIPPED VAPPLIED DIRECTLY TO THE MOTOR SHAFT					X			
12.	IS THEE SUFFICIENT CABLE TO ALLOW TW WORKING POSITIONS?	O FULL WRAPS OF CABL	E ON DRUMS AT ALL			X			
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS PROPER OPERATING CONDITION?	S AND TURN SIGNALS PR	OVIDED AND ARE THEY IN	X					
14.	ARE ALL APPROVED BRAKES ON WHEELER CONDITION?	D EQUIPMENT AND IN GO	OD OPERATING	X					
15.	DO WINDSHIELDS HAVE WIPERS IN PROPE	ER OPERATING CONDITIO	N?	X					
16,	ARE REAR VIEW MIRRORS PROVIDED?			X					
17.	ARE OPERATING LEVERS QUIPPED WITH LACCIDENTAL STARTING	ATCH OR OTHER DEVICE	S TO PREVENT			X			

	CHECKLIST	YES	NO	NOT APPL
18.	IS ENGINE EQUIPPED WITH POWER-OPERATED STARTING DEVICE IN IMPERATIVE CONDITION?	X		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?	1		X
20.	ARE REVERSE SIGNAL ALARMS ON EQUIPMENT?			X
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?			X
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?		X	
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	X		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF OPERATOR?	X		
25.	ARE GUARDS IN PLACE ON EQUIPMENT WITH DROP TYPE SKIP PANS?			X
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	X		
27.	ARE TIRES IN SERVICEABLE CONDITION?	X		
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?			X
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			X
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?			X
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?	X		
32.	IS AIR HOSE FREE FROM LEAKS OR DEFECTS?			X
33,	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			X
34.	IS ACCEPTABLE SPARK ARREST OR INSTALLED AND WORKING?			X
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			X
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			X
37.	IS EQUIPMENT ADEQUATELY GROUNDED?			X
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?	X		
39.	ARE REQUIRED PRESSURE, TEMPERATURE OR RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?	X		
10.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	X		
11.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	X		

	CHECKLIST	YES	NO	NOT APPL
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?			X
43.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?			X
44.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			X
45.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			X
46.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			X
47.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			X
48.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			X
49.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? DO TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			X
50.	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			X
51.	IS HIGH VOLTAGE SIGN POSTED?			X
52.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			X
53.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			X
54.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO OPERATOR?			X
55.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?	X		
56.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			X

Certification: I Hereby That This Item Of Equipment Is In Good Operating Condition And That It Meets All Above Requirements Except As Noted Under Remarks:

Signature Of Competent Mechanic Date

Signatury Of Superintendent/Quiality Control Engineer Date

		(CONTRACTOR QUALIT			RT	REPORT 1	8/JUN/10		
			(ATTACH ADDITIONAL SF	ILETS IF NECESSAF	,	07 & -18 at Parcel B; \$	NO	004		
PHASE	CONTR	RACT NO	N62473-09-D-2608	CONTRACT T	D-1, and	G; and Soil Stockpiles	s at Parcels D-1 and (S at Paiceis B, G. HPS. SF		
	WAS PI	REPARATO	RY PHASE WORK PREFORMED TODAY?	•	,	YES NO				
RY	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIS	T.					
PREPARATORY		hedule	Definable Feature of Work					Index #		
RA.	ACII	vity No.								
PAI										
RE										
₫.										
	MAG IN	UTIAL DUIA	DE WORK PREFORMED TODAYO			V=0 □ V0 I				
			SE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST		YES NO				
_		hedule		OFFICIALIOT.						
INITIAL		vity No.	Definable Feature of Work					Index #		
¥										
=										
			WITH CONTRACT AS APPROVED DURING INI	TIAL PHASE?			YES NO			
			WITH SAFETY REQUIREMENTS?				YES NO			
		hedule vity No.	Description of Work, Testing Performed & By Wh Section, Location and List of Personnel Present	om, Definable Featur	e of Work, Specifica	ation				
			Finished installing privacy screen, installed	d radiological scre	ening areas for sl	horeline debris, collected	baseline water sample	of bay, verified that		
0			activities performed conformed to the mob		-		•			
-in-		Clearing vegetation with weed wackers, verified that activities performed conformed to the site clearing and demolition checklist.								
VO										
FOLLOW-UP										
5										
DEWORK	ITEMS I	DENITIEIED	TODAY (NOT CORRECTED BY CLOSE OF BU	CINIECC)	DEWORK ITEMS	CORRECTED TODAY (FROM	M DEWODY ITEMS LIST			
Sched	ule I		,	SINESS)	Schedule	İ	WI REWORK ITEMS LIST)			
Activity	No.	Description			Activity No.	Description				
DEMADK	S (Also E	Evolain Any	Follow-Up Phase Checklist Item From Above Tha	t Was Answered "NC	") Manuf Pan On	Site etc				
Sched	ا مان			it vvas Alloweleu INC	, wandi Nep OII-	One, 010.				
Activity	No.	Description								
0.1.1.10	. 64									
equipmen	t and mat	erial used an	rtify that this report is complete and correct and d work performed during this reporting period is in		Elizabeth Bi	innina		6/18/10		
except as			awings and specifications to the best of my knowledge			MANAGER AT SITE		DATE		
			GOVERNMENT QUALITY ASSUR	RANCE REPOR	T	DATE				
		ANCE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTION	NS TO THE REPOR	Т					
Sched Activity		Description								
				_						
4296/2 (9/9	98)			,	GOVERNMENT QU	JALITY ASSURANCE MANA SI	GER HEET 1 OF 1	DATE		



Photo 1: Demolition and Site Clearing – Clearing of weeds near site trailers.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 18, 2010



Photo 2: Mobilization – Installation of debris radiological screening areas. **HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California**Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 18, 2010





Photo 3: Mobilization – Debris radiological screening areas and privacy screen installed on southeast fence line.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: John Sourial (ERRG, Inc.)

Date: June 18, 2010

Date: June 18, 2010



Photo 4: Mobilization – Privacy screen installed on northwest fence line and air monitoring station 3.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: John Sourial (ERRG, Inc.)





Photo 5: Mobilization – Temporary fencing with privacy screen on southeast side of stockpile area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 18, 2010



	DATE 21/JUN/10								
	09-D-2608	TITLE AND LOCATION RA	AL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G		REPORT NO	005	,	
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores			
AM WEATHER			PM WEATHER	<u> </u>		MAX TEMP (F)	MI	N TEMP (F)	
	Clear, cool		Sunny, m			65		59	
0.1.1.1	1		WORK PERFO	ORMED TODAY	1	1			
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
01, 02	Crew working or	n secure perimeter fence that wa	as blown down due to high	ERRG	9	Laborers		65	
		veekend- the south perimeter fe		ERRG	2	Equipment Operator		4	
	· ·	fence in the stockpile area. Cre	0 0 1	ERRG	1	Truck Driver		8	
	silt curtain for de today/tonight.	eployment along the shoreline.	Air monitoring units running	ERRG Tetra Tech	3	Grade Checker Rad Techs		3 24	
	today/torlight.			Tella Tech	3	itau reciis		24	
						TOTAL WORK HOURS ON JO	ND.		
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE,		104	
SAFE		WERE THERE ANY LOST TIM	E ACCIDENTS THIS DATE?	□ v/50		THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO			
		(If YES attach copy of complete	• /	∐ YES	☐ NO	HOURS FROM PREVIOUS REPORT		424	
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	WORK/ HAZMAT WORK DONE .)	YES	☐ NO				
		STE RELEASED INTO THE EN	NVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		528	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	ITS HA	VE BEEN MET.	
01, 02	H&S Plan review today, tailgate safety briefing, equipment inspections								
,									
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mar	terial Received						
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.				
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used	
,	Harris Blade	4K water truck						8	
	ERRG	JD 200CLC Excavator						2	
	Harris Blade	Cat 950 Loader						0	
	United Rentals	25 KW Generators- 3ea						24	
	Rental Solutions							12	
	SCS Tracer	Air Monitoring Skids- 3skids						72 0	
	Harris Blade United Rentals	Cat 322 Long Reach Takehuchi skidsteer loader						2	
Schedule	REMARKS	Takendeni Skidsteer loader							
Activity No.	TEN THE								
			_		-	_			
			Ja	mes Nores CONTRACTOR/SUPERIN	ITENDENT	6/21/10)		

4296/2 (9/98) SHEET 1 OF 1

	CC	DATE 21/JUN/10								
CONTRACT NO N62473-	(ATTACH ADDITION, TITLE AND LOCATION RA Parcels B, D-1, and	ations at HPS, SF	REPORT NO 005 cont.							
CONTRACTOR	Engineering	/Remediation Resources	s Group, Inc.	SUPERINTENDENT	J	ames Nores				
AM WEATHER	Clear, cool		PM WEATHER Sunny, mi	ld		MAX TEMP (F) M 65				
	, , , , ,		_	ORMED TODAY		00	59			
Schedule Activity No.		WORK LOCATION AND DE		EMPLOYER	NUMBER	TRADE		HRS		
Activity No.										
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON J SITE, THIS DATE, INCL CON'T SH				
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete	d OSHA report)	YES	□ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	ORK			
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	☐ NO					
		ASTE RELEASED INTO THE EN t and proposed action.)	IVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FRO START OF CONSTRUCTION				
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREME	NTS HA	VE BEEN MET.		
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)						
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received							
CONSTRUCTION	AND DI ANT EO	HIDMENIT ON TOP SITE TODAY	Y. INDICATE HOURS USED AN		JUMPED					
Schedule	I	T			NUMBER.			l		
Activity No.	Owner	· ·	quipment Used Today (incl Make	and Model)				Hours Used		
	ERRG	JD310 Backhoe						0		
Schedule Activity No.	REMARKS									
	<u>I</u>		la	nes Nores		6/21/1	n			
				CONTRACTOR/SUPERIN	TENDENT	DATE				

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

Pg/of2

E LOCATION:	Hunters Point Shipyard	CONTRAC	Т#	N64273-09-D-2608
DATE (0/2)	/10 TIME	0100 PROJEC	T NUMBER 29 - 1	141
CLIENT	Department of the Navy	y		
SPECIFIC LOCATION	FIX FENCE	S ; SOT UP SIZ	K CURTHIN A	FOR DEPLOYMENT, WEED
TYPE OF WORK	WICK @ DOEW A		,	
111 E/E/102101	with the state of	· NGO		
	SAI	FETY TOPICS PRESENTE	D	-
SAFETY TOPICS	STHE, LIFE	This wood un	eking	
PROTECTIVE CLOTHIN	G/EQUIPMENT			For GUESTS WISIDE IMEROS,
RAD =	7 8 2			
CHEMICAL HAZARDS	None			
PHYSICAL HAZARDS	STAF, WOO	n unator icity	nag	
EMERGENCY PROCEDU	RES Employee t	to report any injury to Sup	ervisor; Supervisor notif	fy SSHO
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/415-6	41-6625(ER) PARAME	EDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San F	Francisco, CA 941124		
CIAL EQUIPMENT			None	
NOTE:				
		ATTENDEES		
NAME PRINTED	110	COMPANY 50126	-P.	SIGNATURE
WAVED HASA	72	ERRG	Dan	2 Have
FERNANDO	LOZA	ERRG	4	2 1
Viliania La	ricit_	E PROJ	· A	I'VI I
	401 614	EREG	The	with sharing
PAFAEL D	102A	EPR6	129	yd Ja
	LOTEU	EREG COLO		En Orona
HAN BOOLES	ci	Alenda Son el	1 3	B Cooper
VICENTE VAL	en CIA	ERR5	Deen	it saleniero
12 CONTRACTOR	n Burg	ERRC	- 2	m
Allan Forth	X J	Tieri		The
JOE CUNNINGE		Nut	The	
FIZ BUNA	19	ERRO	- 1	11-
Thist Monta	no	719		A
Just 11 A.M.	7	-1111	200	America de Ation
health & Safety Officer	DICK GPP		SUPERINTENDENT	THEMES C INDICE
SIGNATURE /	Win		SIGNATURE	ame d/ Com



TAILGATE SAFETY MEETING

Pg 2 at 2

DATE	6-21-10	TIME	PROJECT NUMBER	29-141
			ATTENDEES	1 2
	AME PRINTED A Miller Avan Lind		COMPANY DEJUVIRED DEJUVIRED	SM SIGNATURE
		\equiv		
		= =		
Health &	Safety Officer		SUPERIN	ITENDENT
SIGNATU			SIGNATU	JRE

AIR MONITORING LOG SHEET

ERRG USNWY

Prepared by: DICK BPP Project Name:

Hunter's Point Parcel B IR07/18

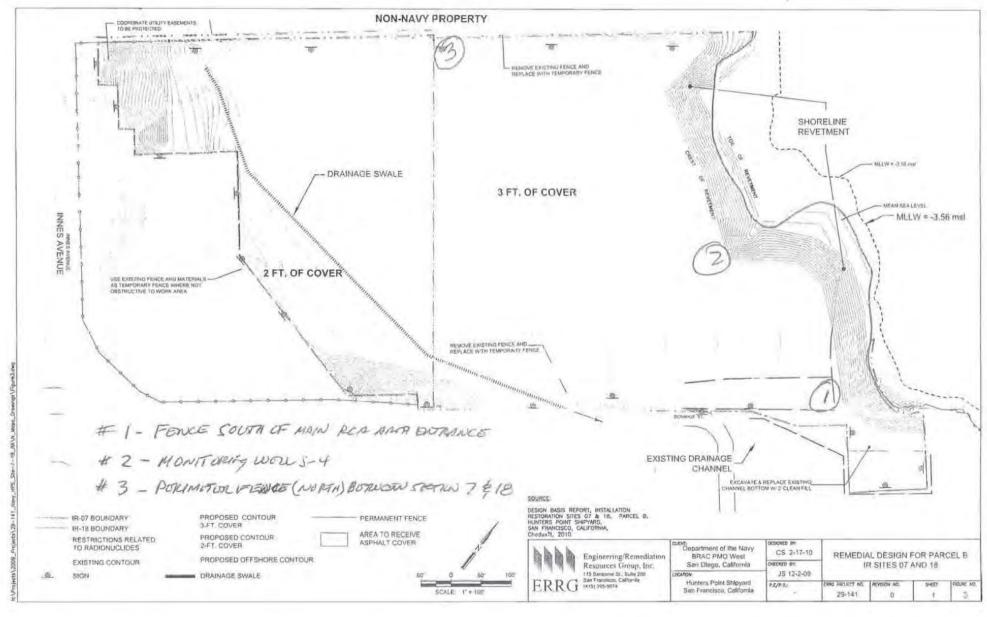
Site Location: San Francisco, CA

Calibration (Date and Time): 6/21/10 @ 0645 Client:

Project No.: Page:

Standard Used: ANRIBAG

Location	Date	Time	cowe In	strument TWA DataRAM	Comments
#/	6/21/10	0714	0.039	0.039	10971
#2	1/	0716	0.042	0:037	10472
#3		0721	0,037	0.058	10973
#2		0814	0,026	0.034	10972
#3		0825	0.029	0.029	OFF 10973
HI		0029	0.026	0.045	10971
41		0918	0,028	0,039	10971
#2		0920	0,018	0.077	10972
		0930	0.632	0,032	10973 CHG. DATT.
构		1016	0.033	0.03%	10971
#2		1018	0,04	0,024	10972
#3		1022	0.031	0.032	10973
#1		1122	0.024	0.034	10971
#2		1129	6.04	0.022	10972
#3		1127	0.019	0.028	10973
#1		1315	6,73'2	0.038	10971 CHG. BTOT
#2		1363	0.026	0.021	1092
#3		1309	0.028	0.026	10973
#1		1405	0.634	0:038	10971
		1407	0-029	0.022	10972
#2 #9		1412	0.028	0.026	10973
+3	V	1501	0.033	0.028	10973
#2		1506	-	_	10972 BATT. DOAD
*1		1511	0.038	0.038	10973
4-11	V		10		



DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy	
atobay.	MONDAY	Date:	6/21/10	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots			_
Weather:	CLONK	Page:	of	_
Site Visitors: Description of Field A	See Tailgate Sign In Log.	_		-
Description of Field A	TOUVILLES.	0		_
SAFOTY MLG.	ATT - STYF, WOOD WICKOR, LIFTH	iç		_
	RIMOTOR FONCE ~ WIND KNOCKED OF			
FENCE	ALONG THE WAPOR PURD - CIEBU.	LEPANUO		_
SOUTH F	WEE in STAGING MEN DOWN - CROW	conner		_
				_
WEED WAS	King @ OLD SCANNING PARS IN SCENIGO 1	8		
OPERATOR,	WHENE ON SURVEYOR STATES, ADAPT	ing FOR GR	HOING & BOTTOR VISION	17%.
Assenie	LINY SELT CURTAINS			
	OW. CROW ASSOMBLING SECTIONS O SHORELINE FOR TOMORNOWS DONLEYS			_
DIACL				_
NIGGIN	4 CHAIN INSPECTED - NO DEPOTS ENVIRD H	POOK COUNT	6.	_
	G CHAIN INSPOSTED - NO DEFECTS ENVIRON H			

		(CONTRACTOR QUALITY (ATTACH ADDITIONAL SHEE			RT		REPORT		UN/10 005		
PHASE	CONTRA	CT NO	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parc			ns at	t Parcels B,		
THACE			RY PHASE WORK PREFORMED TODAY?	CONTRACT	D-1, and	G; and Soil Stoc YES □	kpiles at Pa NO ■	rcels D-1 and	G, F	IPS, SF		
≿			AND ATTACH SUPPLEMENTAL PREPARATORY P	HASE CHECKLIS	Т.	YES 🔲	NO 🔳					
PREPARATORY	Sche		Definable Feature of Work							Index #		
RA.	Activit	ty NO.							+			
ΡA												
PRE												
			SE WORK PREFORMED TODAY?			YES	NO 🔳					
_		S, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST. chedule Definable Feature of Work										
INITIAL	Activit		Definable Feature of Work							Index #		
Ī												
_									+			
	WORK C	OMPLIES	WITH CONTRACT AS APPROVED DURING INITIA	L PHASE?			YES	■ NO				
	WORK C	OMPLIES	WITH SAFETY REQUIREMENTS?				YES	■ NO				
	Sche Activit		Description of Work, Testing Performed & By Whom Section, Location and List of Personnel Present	, Definable Featur	e of Work, Specifica	ation						
	0	1	Repaired site fencing that was damaged by the	ne wind, staged	silt curtain along	shoreline for insta	I, verified tha	t activities perfo	rmed	conformed		
굡			to the mobilization checklist.									
FOLLOW-UP	0:	2	Verified that activities performed conformed to	the site clearing	ig and demolition	checklist.						
P												
F0.												
REWORK	ITEMS IDI	ENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSIN	ESS)	REWORK ITEMS	CORRECTED TODAY	(FROM REW	ORK ITEMS LIST)				
Sched Activity		escription			Schedule Activity No.	Description						
					•							
Sched Activity	lule	plain Any escription	Follow-Up Phase Checklist Item From Above That W	as Answered "NO	"), Manuf. Rep On-	Site, etc.						
Houvity	140.											
On bahalf	of the cent	rostor I so	rtify that this report is complete and correct and									
equipmen compliance	t and mater ce with the	ial used and contract dra	d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth B				6	/21/10		
except as	noted in thi	s report.	GOVERNMENT QUALITY ASSURA			MANAGER AT SITE	rc			DATE		
QUALITY	ASSURAN	ICE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTIONS			DA	IE					
Sched Activity		escription										
4296/2 (9/9	98)			(GOVERNMENT QU	JALITY ASSURANCE	MANAGER SHEET 1	OF 1		DATE		

Mobilization

Date: Elizabeth Binning
Inspector: 6/21/2010
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments		
Field Inspection							
Are there adequate sanitary conveniences of a type approved for the use							
of persons employed on the work (01 50 00 Temporary Facilities And	Prep	X			Mobilized to the site 6/16/2010		
Controls, Sec 1.4)?							
Are the trailers or storage buildings suitably painted and kept in a good	Prep	X					
state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)? Is there a sign, not smaller than 24 inches by 24 inches, conspicuously	_						
placed on the trailer depicting the company name, business phone					Temporary signage in place until full		
number, and emergency phone number(01 50 00 Temporary Facilities	Prep	X			sized sign is mobilized to the site.		
And Controls, Sec 1.5)?							
Are Contractor-provided vehicles and towed trailers displaying the							
Contractor's name so that it is clearly visible from at least 100 feet on	Prep	X					
both front doors of the vehicle and both sides of a towed trailer (01 50	ПСР	2 L					
00 Temporary Facilities And Controls, Sec 1.6)?							
Has a preconstruction inspection of the project site with the Contracting Officer been performed (01 57 19.00 20 Temporary Environmental	Duon	X					
Controls, Sec 1.6.2)?	Prep	Λ					
Controls, 500 1.0.2).							
Are Material Safety Data Sheets (MSDS) provided for any hazardous	T 1	3 7					
materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	Initial	X					
Have photographs showing existing environmental conditions in and							
adjacent to the site been taken (01 57 19.00 20 Temporary	Initial	X			Existing conditions photos taken		
Environmental Controls, Sec 1.6.2)?					6/15/2010		
Are low-noise emission products utilized where possible (01 57 19.00	Initial	X					
20 Temporary Environmental Controls, Sec 3.3)?	Imuai	Λ					
Have garbage disposal containers been mobilized to the site and					Refuse containers mobilized to the site		
garbage removal been scheduled (01 57 19.00 20 Temporary	Initial	X			6/18/2010		
Environmental Controls, Sec 3.5.2)?							
Are environmental protective measures to control pollution, including	F 11				Existing gravel berm protects shoreline.		
but not limited to water, air, solid waste, and noise pollution installed at	Follow		X		Additional protection measures will be		
the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	up				installed prior to performing intrusive work at the site.		
Has the project identification sign been installed within 15 days after					work at the site.		
the commencement of work at the location indicated by the Contracting	Follow		X		Project sign is currently being fabricated.		
Officer (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	up						
					Temporary fence installed 6/15/2010.		
					Repaired holes in fencing along NW		
Is access prevented the public and other unauthorized personnel restricted from the area during the construction period (01 50 00	Follow	X			permanent fence on 6/15/2010. Finished installing privacy screen on perimeter		
Temporary Facilities And Controls, Sec 1.9)?	up	Λ			fences on 6/18/2010. Repaired fencing		
reimportary rueimites rand controls, see 1.7).					that was damaged due to wind on		
					6/18/2010.		
Are appropriate spill response materials including, but not limited tothe							
	Follow	X					
equipment mobilized to the site (01 57 19.00 20 Temporary	up	1.					
Environmental Controls, Sec 2.1)?							
Are oily or other hazardous substances prevented from entering the ground, drainage areas, wetlands or local bodies of water (01 57 19.00	Follow	X					
20 Temporary Environmental Controls, Sec 3.1.1)?	up	Λ					
20 Temperary Environmental Controls, Sec 3.1.1):		<u> </u>	<u> </u>				

Requirement	Phase	Yes	No	N/A	Comments
Are all temporary fuel oil or petroleum storage tanks surrounded with a temporary earthen berm of sufficient size and strength to contain the contents of the tanks in the event of leakage or spillage (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up			X	No storage tanks onsite
Are solid wastes picked up and placed in covered containers that are regularly emptied (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is dust being properly controlled at all times through use of dust suppressants and water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.7)?	Follow up	X			
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/21/2010

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 6/21/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Still clearing debris
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Debris from shoreline has not been collected yet
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/21/2010



Photo 1: Mobilization – Repairing wind damage to southeast fence.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: James Nores (ERRG, Inc.)

Date: June 21, 2010



Photo 2: Mobilization – Repairing wind damage to southeast fence. **HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California**Photographed by: James Nores (ERRG, Inc.)

Date: June 21, 2010





Photo 3: Mobilization – Anchoring southeast fence to prevent further damage from wind.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 21, 2010



Photo 4: Mobilization – Repaired southeast fence line.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 21, 2010





Photo 5: Mobilization – Staging of silt curtain along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 21, 2010



Photo 6: Mobilization – Staging of silt curtain along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 21, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 22/JUN/10		
CONTRACT NO N62473-	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a			REPORT NO	006	6
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	Ji	ames Nores		
AM WEATHER	0 0	Tromodiation (toodard)	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
C	clear, cool		Sunny, m			66		59
Schedule			WORK PERFO	ORMED TODAY	1	1		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
01, 02	Crew set up to d	leploy silt curtain- set shoreline	anchor point on the north end	ERRG	1	Superintendent		8
		rom north to south to utilize the	*	ERRG	1	Construction Manager		8
		on site with boat to set anchor a		ERRG	1	QC Manager		8
	· ·	cations. Begin debris removal fro		ERRG	1	Tech Lead		8
	wood and metal	debris placed directly into the L	LRW DIN.	ERRG ERRG	1	H&S Officer QC Staff		8
				ERRG	3	Equipment Operators		13
				ERRG	9	Laborers		59
				ERRG	1	Truck Drivers		8
				Tetra Tech	3	Rad Techs		24
				Jericho	2	Marine Support		16
JO		WAS A JOB SAFETY MEETING		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		168
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		528
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	WORK/ HAZMAT WORK DONE .)	YES YES	■ NO	REPORT TOTAL WORK HOURS FROM	4	
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		696
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
01, 02	Tailgate safety b	oriefing, Reviewed the AHA for s	ilt curtain deployment, equipmer	nt inspections				
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
CONSTRUCTION	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						4
	Harris Blade	Cat 950 Loader						3
	United Rentals	25 KW Generators- 3ea						24
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 3skids						72
	Harris Blade	Cat 322 Long Reach						4
	United Rentals	Takehuchi skidsteer loader						2
Schedule Activity No.	REMARKS							
			la	mes Nores		6/22/10	<u> </u>	
			Ja	CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CC	NTRACTOR PI (ATTACH ADDITION)	DATE 22/JUN/10					
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	Parcels D-1 and G,	06 cc	ont.		
CONTRACTOR	Engineering	/Remediation Resource	s Group, Inc.	SUPERINTENDENT	Ja	ames Nores		
AM WEATHER	lear, cool		PM WEATHER Sunny, mi	ld		MAX TEMP (F) 66	MI	N TEMP (F) 59
	7.001, 0001		-	ORMED TODAY		00		
Schedule	Schedule citivity No. WORK LOCATION AND DESCRIPTION EMPLOYER NUMBER TRADE				HRS			
Activity No.								
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	□ NO	TOTAL WORK HOURS ON J SITE, THIS DATE, INCL CON'T SH		
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete	d OSHA report)	YES	□ NO	CUMULATIVE TOTAL OF WI HOURS FROM PREVIOUS REPORT		
(If YES attach state	NLIF I/I RENCHING ement or checklis	NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	□ NO		\ 4	
(If YES attach des		ASTE RELEASED INTO THE ENt and proposed action.)	IVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FRO START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREME	NTS HA	VE BEEN MET.
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
CONCEDUCTION	AND DI ANT FO	HIDMENT ON JOB CITE TODA	Y. INDICATE HOURS USED AN		HIMDED			
Schedule	I	1			NUMBER.			l
Activity No.	Owner		quipment Used Today (incl Make	and Model)				Hours Used
	ERRG	JD310 Backhoe						0
Schedule Activity No.	REMARKS							
	<u> </u>			Na:		6/00/4	^	
				mes Nores CONTRACTOR/SUPERINT	TENDENT	6/22/1	U	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

"E LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608	
DATE 6/2	2/10 TIME	700 PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	The same of the sa	4102 B		
TYPE OF WORK				
THE OF WORK	INSTALLING SYNT	CSIGNIN		
		Y TOPICS PRESENTED		
SAFETY TOPICS		+ EQUIPAINT, STF		_
PROTECTIVE CLOTHING	S, STORE TO E WOME	BLOTS	S W SIDE SHOWS, REFLE	nv6
CHEMICAL HAZARDS	NONE, RAD-	WERKING IN PAD CONTROL	CEP AROM	
PHYSICAL HAZARDS	INSOUTS , UNEVEN	SURFACES, SLIPPERY R	DEKS, STANK BY EQUIPA	yory
MERGENCY PROCEDU	Employee to re	eport any injury to Supervisor; Super	visor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital P	HONE 911/ 415-641-6625(ER)	PARAMEDIC PHONE 9	11
OSPITAL ADDRESS	3555 Cesar Chavez, San Fran	cisco, CA 941124		
CIAL EQUIPMENT		None		
IOTE:				
TOTE .				
-				
		ATTENDEES	1 00000000	
NAME PRINTED	-07A	COMPANY	Pola U SIGNATURE	
W 20	ZA	FREE	The state of the s	
NRIQUE MA	CTILLEZ	ERRE	alg (high p	
Roberto Aq	pulera -	EREG	Thut Inplina	
Ken Harl	Locio	ENCE	· Ka Mak	
	NCIA E	ERR 6	Tree out Noterio	
Manie ince		RRG	12000	
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Hather Woller	1BUV01 -	ERRE	Rope Parties	
Titles Again	IBUVU _	FLIC	Cons	
Lina Broussin	- X	leuritory	ST.B. V.	
Spencer Joh	nich	ERRG	morelle	
LIZ BIANA	-	ERRI,		
Slikley Ng		ZOICC'	Shilly & Dog	
1 0				¥.
alth a cost-t- ose	2 1 1	CHAPPEND	NIDENT SOME 11	· ma
ealth & Safety Officer	Proce off	SUPERINTE	Jours Me	165
IGNATURE	Ill Mana	SIGNATURI	mes co	e
	The second secon		- CO 46 70 1 - 65	

DAILY FIELD ACTIVITY LOG

* Prepared by:	Richard Epp	Client:	Dept of the Na	IVV	
Prepared by: RGDay:	TUESDATES	Date:	6/2410		
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots Project N	Project No.:	29-141		
Neather: Site Visitors: Description of Field A	See Tailgate Sign In Log.	_Page:		of	_1_
				0.000	10 L
	SHUTY MEETING - WATER SHETY				
	CUDING MOTIN, SUPONY ROCKS, WOTHE	- Diels	STAVES 199	4901	PRINT
LiFA	ing of ALUK WIGHED POSITIONS.				_
7.00	and the second s	e la la			_
LNSTALL	D SILT CURTOW NE SIDE OF PAI	ECCE 18, 1	BEYOU DECH	VATICA	2
0.000	and the second second		0.65 000		_
	A GAP IN FONCE AT PRYPOCES	THAT WILL	L BE USON	FER	_
UNLUM	Ding ROCK + FILL DIET.				
				4	
BUGAN	ROMOVING BRICKS, WOOD & MOTAL	From BOX	ICH APREN F	DIS POL	puç
	IN THE CONTAINER PRIVIDED FOR	121			
		121			
of it	IN THE CONTAINER PARTIPO FOR	Potentia.	RAD WISTE	מז-פט	war.
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AIR MONITORING LOG SHEET

6:45

Prepared by:

DICK GOD

Hunter's Point Parcel B IR07/18

Project Name: Site Location:

San Francisco, CA

Calibration (Date and Time): 6/22/10 @

Client:

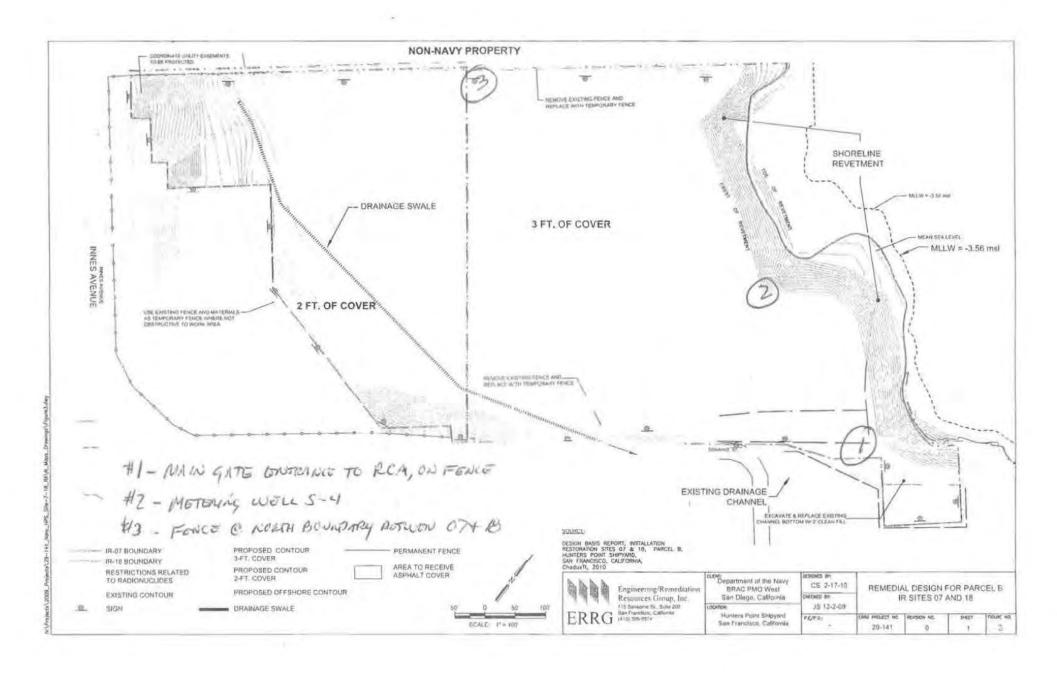
US NAUG

Project No.: Page:

29-141

Standard Used: ATR BAG

Location	Date	Time	care In	strument TWA DateRAM	Comments		
#1	6/22/10	0715	0.034	0.034	10971		
#2	1	0720	0.045	0.042	10972		
#3		0726	0.039	0 045	10973		
41		DRIC	0,071	0.034	10971		
#2		0817	0.039	0.041			
#9		0822	0.026	0.033	10972		
A3		0912	0.040	0.029	10973		
#2		0915	0,038	0.040	10972		
#1		0925	0.031	0,032	16971		
#1		1025	0.023	0.031	10971		
#2		1029	0,626	0.036	10972		
#3		1033	0.020	0,026	10983		
#1		1134	0.014	0.028	10971		
#1-		1135	0.020	0.032	10972		
F-3	1	1/39	0.04	0.013	10973		
# 1		1301	0.003	0.023	1697/		
#2		1305	0,011	0.027	10972		
#3		1308	0.016	0,020	10973		
#1		1407	0.006	0.006	16971-CHG. B.STI.		
世ン		1409	0.009	0.024	10972		
#3		1412	0-014	0,019	10973		
#3		1508	0.021	0.019	10973		
#2		1511		_	10972 MATT. BOA		
17		1515	0,000	0,010	10971		
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	- 1						
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	(ATTACH ADDITIONAL SHEETS IS NECESSABLY) REPORT							22/JUN/10 006
PHASE	CONTRACT NO	RACT NO N62473-09-D-2608 CONTRACT TITLE CONTRACT TITLE CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at D-1, and G; and Soil Stockpiles at Parcels D-1 and G, F						ns at Parcels B,
TTIMOL		TORY PHASE WORK PREFORMED TODAY?	CONTINUE	D-1, and	G; and Soil Stocl YES □	kpiles at Pa NO ■	rcels D-1 and	G, HPS, SF
Υ		T AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	ST.	120			
PREPARATORY	Schedule Activity No.	Definable Feature of Work						Index#
۱RA								
EP/								
PR								
	WAS INITIAL DU	ASE WORK PREFORMED TODAY?			VEQ.	NO 🔳		
		T AND ATTACH SUPPLEMENTAL INITIAL PHASE O	CHECKLIST.		YES	NO 🔳		
ب	Schedule Activity No	Schedule Definable Footure of Work						Index#
INITIAL	Activity 140.	Activity No. Definable readule of work						
Z								
		ES WITH CONTRACT AS APPROVED DURING INIT ES WITH SAFETY REQUIREMENTS?	IAL PHASE?] 7
	Schedule	Description of Work, Testing Performed & By Who	m, Definable Featu	re of Work, Specific	ation	120	<u> </u>	
	Activity No.	Section, Location and List of Personnel Present						
	01 02	Installed silt curtain along shoreline; verified Started removing wood, metal, brick, and						porformed conformed
FOLLOW-UP	02	to the site clearing and demolition checklist.		Shoreline to place	ung in rad disposa	i biiis, veillie	u mai activities p	periorified conformed
Ò		<u> </u>						
)LL								
Б								
REWORK Sched	ula I	ED TODAY (NOT CORRECTED BY CLOSE OF BUS	NESS)	REWORK ITEMS Schedule	CORRECTED TODAY	(FROM REW	ORK ITEMS LIST)	
Activity		on		Activity No.	Description			
REMARKS	S (Also Explain Ar	ny Follow-Up Phase Checklist Item From Above That	Was Answered "NO	L D"), Manuf. Rep On-	-Site, etc.			
Sched Activity		on						
On behalf	of the contractor, I	certify that this report is complete and correct and						
complianc	e with the contract	and work performed during this reporting period is in drawings and specifications to the best of my knowledge		Elizabeth B				6/22/10
except as	noted in this report.	GOVERNMENT QUALITY ASSUR			MANAGER AT SITE			DATE
QUALITY /	ASSURANCE RE	PRESENTATIVE'S REMARKS AND/OR EXCEPTION			DA	IE		
Sched Activity		on						
4296/2 (9/9	98)		-	GOVERNMENT QU	JALITY ASSURANCE	MANAGER SHEET 1	OF 1	DATE

Mobilization

Date: Elizabeth Binning
Inspector: 6/22/2010
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	Prep	X			Mobilized to the site 6/16/2010
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number(01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			Temporary signage in place until full sized sign is mobilized to the site.
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	Prep	X			
Has a preconstruction inspection of the project site with the Contracting Officer been performed (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Prep	X			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	Initial	X			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Initial	X			Existing conditions photos taken 6/15/2010
Are low-noise emission products utilized where possible (01 57 19.00 20 Temporary Environmental Controls, Sec 3.3)?	Initial	X			
Have garbage disposal containers been mobilized to the site and garbage removal been scheduled (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5.2)?	Initial	X			Refuse containers mobilized to the site 6/18/2010
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	Follow up	X			Existing gravel and asphalt berm protects shoreline. Additional protection measures will be installed prior to performing intrusive work at the site. Installed silt curtain on 6/21/2010 to protect bay from sediments potentially disturbed during revetment installation.
Has the project identification sign been installed within 15 days after the commencement of work at the location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	Follow up		X		Project sign is currently being fabricated.
Is access prevented the public and other unauthorized personnel restricted from the area during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	Follow up	X			Temporary fence installed 6/15/2010. Repaired holes in fencing along NW permanent fence on 6/15/2010. Finished installing privacy screen on perimeter fences on 6/18/2010. Repaired fencing that was damaged due to wind on 6/18/2010.
Are appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	Follow up	X			Spill kits mobilized to the site 6/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Are oily or other hazardous substances prevented from entering the ground, drainage areas, wetlands or local bodies of water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up	X			
Are all temporary fuel oil or petroleum storage tanks surrounded with a temporary earthen berm of sufficient size and strength to contain the contents of the tanks in the event of leakage or spillage (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up			X	No storage tanks onsite
Are solid wastes picked up and placed in covered containers that are regularly emptied (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5)?	Follow up	X		l	Refuse containers mobilized to the site 6/18/2010
Is dust being properly controlled at all times through use of dust suppressants and water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.7)?	Follow up	X			
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/22/2010

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 6/22/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Still clearing debris
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	x			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Debris from shoreline has not been collected yet
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/22/2010



Photo 1: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 22, 2010



Photo 2: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 22, 2010





Photo 3: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 22, 2010



Photo 4: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 22, 2010





Photo 5: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 22, 2010



Photo 6: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 22, 2010





Photo 7: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 22, 2010



Photo 8: Mobilization – Installation of silt curtain off shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 22, 2010





Photo 9: Site Clearing – Removal of debris from along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Heather Wollenburg (ERRG, Inc.)

Date: June 22, 2010



Photo 10: Site Clearing – Bin full of debris from along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Heather Wollenburg (ERRG, Inc.)

Date: June 22, 2010



	CC		RODUCTION RE	EPORT		DATE 23/JU	JN/10)
CONTRACT NO N62473-0	N62473-09-D-2608 Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF						007	,
CONTRACTOR	Fngineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores		
AM WEATHER			PM WEATHER	:1-1		MAX TEMP (F)	MI	N TEMP (F)
C	clear, cool		Sunny, m			66		59
Schedule				ORMED TODAY				
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
	-	n pulling concrete, brick, metal a		ERRG	1	Superintendent		8
		tockpiles near the debris screen		ERRG	1	Project Manager		8
		e for algae covered concrete. Vote rad area and all haul roads.	vater truck driver performing	ERRG ERRG	1	QC Mananger Tech Lead		8
	dust control in ti	ie rad area arid aii riadi roads.		ERRG	1	H&S Officer		8
				ERRG	1	QC Staff		8
				ERRG	3	Equipment Operators		24
				ERRG	9	Laborers		48
				ERRG	1	Truck Drivers		8
				Tetra Tech	3	Rad Techs		24
						TOTAL WORK HOURS ON 10		
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	TOTAL WORK HOURS ON JO SITE,		152
SAFE	TV	WERE THERE ANY LOST TIM	,	□		THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO		
WAS CRANE/MAN		(If YES attach copy of complete IG/SCAFFOLD/HV ELEC/HIGH	ed OSHA report) I WORK/ HAZMAT WORK DONE	∐ YES	■ NO	HOURS FROM PREVIOUS REPORT		696
(If YES attach state	ement or checklis	t showing inspection performed	.)	YES YES	■ NO	TOTAL WORK HOURS FROM		0.40
		STE RELEASED INTO THE EN t and proposed action.)	NVIRONMENT?	☐ YES	■ NO	START OF CONSTRUCTION		848
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	TS HAV	/E BEEN MET.
	Tailgate safety b	oriefing, Reviewed the AHA for s	silt curtain deployment, equipmer	nt inspections				
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER))			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
CONSTRUCTION	AND PLANT EQI		Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used
, ,	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 3ea						24
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 3skids						72
	Harris Blade	Cat 322 Long Reach						0
O ala a de da	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
			la	mes Nores		6/23/10)	
			Ja	CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CC		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 23/s	JUN/1	0
	173-09-D-2608 Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF					REPORT NO 00)7 c	ont.
CONTRACTOR	Engineering	/Remediation Resources	s Group, Inc.	SUPERINTENDENT	J:	ames Nores		
AM WEATHER	Clear, cool		PM WEATHER Sunny, mi	ld		MAX TEMP (F) 66	MI	N TEMP (F) 59
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_	DRMED TODAY		00		
Schedule Activity No.		WORK LOCATION AND DE		EMPLOYER	NUMBER	TRADE		HRS
Activity No.								
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON J SITE, THIS DATE, INCL CON'T SH		
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete	d OSHA report)	YES	□ NO	CUMULATIVE TOTAL OF WOOD HOURS FROM PREVIOUS REPORT	ORK	
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	☐ NO			
		ASTE RELEASED INTO THE EN t and proposed action.)	IVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FRO START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED			■ SAFETY REQUIREME	NTS HA	VE BEEN MET.
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
CONSTRUCTION Schedule	AND PLANT EQ	T	Y. INDICATE HOURS USED AN		NUMBER.			Ī
Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	ERRG	JD310 Backhoe						0
Schedule Activity No.	REMARKS							
				-				
						6/00/		
				mes Nores CONTRACTOR/SUPERIN	TENDENT	6/23/1	U	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

. TE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D)-2608
DATE 6/23/	70 TIME 070	D PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	SECTIONS 7+18	PARCE B		
TYPE OF WORK	CONTINE WITH ROUGH	AL LLRW DEBRIS FR	um s HORELINE & RD	TOVE CONCESTE
	WASTE FOR RAD SERB			
		PICS PRESENTED		
SAFETY TOPICS	EQUIPMENT - STAUCK B			
PROTECTIVE CLOTHING	PFDs , PPDs	THAT, SHEETH GLASSES,	REPLOPIVE VISTS, STE	a to weak
CHEMICAL HAZARDS	POTAMIN CLUM	e .		
PHYSICAL HAZARDS	INITERS, SUPPORT NO	465, oursonois stu	the obviets, UNEVO	V WHENCES
EMERGENCY PROCEDU	RES Employee to report	any injury to Supervisor; Supe	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHON	911/415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco	, CA 941124		
ECIAL EQUIPMENT		None		
NOTE:				
		ATTENDED		
) NAME PRINTED		ATTENDEES OMBANY	SIGNATURE	
Ken Mark 1	K	426	La Mach	
Boms Porlall	5	2116	Ser Ton	
ENRIBVE MARTIN		RG	19 - 2 ×	lance
JAMES Nove	5	RRB	Sauce C	Critical
FERNANDO 102		RRG	3-1	
PAFAEL LO	2P E1	2RG	A A A A	
Finherto Husi	era Ei	ill.	Must to Ver	ling
OCORCO C	XLOCO I	2000	Onen O	MVZ
LISABrucism CA		o Woorld	- John B	-
John Ross		Pi	1000	
DAUED HAS		126	Daneltasex	
Heather Wolle	nburg t	REG	lin	
John Soyriac		RRE		
Shirley My	201		Shiles &	-
nealth & Safety Officer	DICK EDP	SUPERINT	ENDENT JAMES	5 Nores
SIGNATURE	My	SIGNATUR	E James C	Min



TAILGATE SAFETY MEETING

	ATTENDEES	
NAME PRINTED	COMPANY	SIGNATURE
TISON APPL	ERRE	
Spencer Johnson	ERRU	ash All
perior Sources	ERIC	77/1
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lealth & Safety Officer	S	UPERINTENDENT
GNATURE	9	IGNATURE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
RGDay:	buconispm	Date:	6/23/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	
Weather:	OVECAT/WWDM	Page:	of
Site Visitors:	See Tailgate Sign In Log.	_ rago.	
Description of Field			
	TAILGATE - STEWCHERY SQUIPMENT,		
UNG	MATHING SHAPE UDITETS ON THORETHE,	WATER SA	FOTY, HOUSEKEEPING
Ragivon	3 Res LEWISTE BINS.		
CLODNING	CHAMBLE OF DISPOSABLE DOBRES	LE BAG	CKS, PIPO, WOOD, MITTING
	OVING CONCRETE RUBBLE		
*			
Core	VISIT BY ALL DINRGHITY + DOWNIS	MICINEN	Sally Dev
3//4	VISTE STY THE CHINAGE TO CHANGE	Pri venne	, IMPRI TION
			-
EQUIP	MONT USOD: EXCAVATOR, END LONDO	R, SKID ST	DOR. PACKETOO
			,
	WATOR TRUCK		
1/h	1/	X	13.4.4.4
gned:	AMM	Date:	6/23/10
11	//		

AIR MONITORING LOG SHEET

Prepared by: Project Name:

DICK SPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

6/23/10 @ 0645

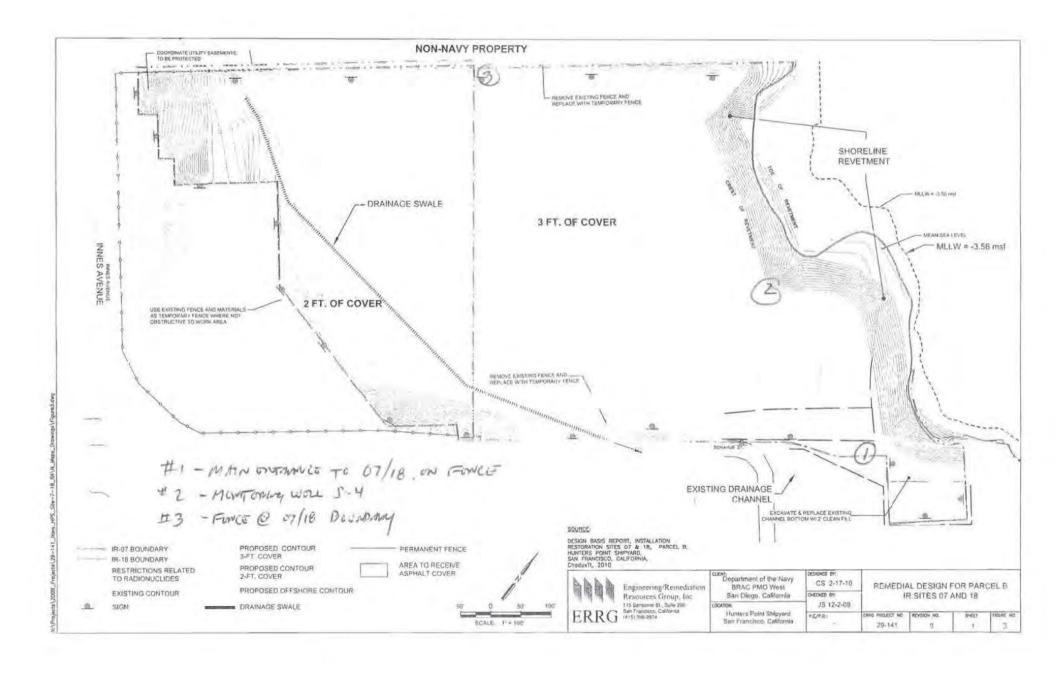
Project No.: Page:

Client:

29-141

rage.		OI
Standard Used:	ANR BAG	

Location	Date	Time	Cove II	nstrument gwa DataRAM	Comments
#1	6/23/10	0730	0,000	0.007	10971
#2	1	6733	0.033	0.018	10972
F 3		0738	0.010	0.007	10973
+1		0830	0.005	0.008	10971
#2		0832	0.007	0.009	10972
#3		0842	0.000	0.001	10973
#1		0939	0,002	0.006	10971
#2		0941	0,003	0:007	10972
#3		0947	0.007	0,000	10973
#1		1026	0.003	0.005	10971
#2		1029	0.004	1.006	10972
#3		1032	0.000	0.000	10973
¥ 3		1126	0.006	0.000	10973
42		1131	0:004	0,006	10972
世1		1134	0.002	0.004	10971
\$1		1305	0,004	0.004	10971
#2		1308	0.006	0.007	10172
#3		13/1	0.003	0.000	10973
#1		1412	0.020	0.006	10971
#2		1416	0,022	0,009	10972
#3		1421	0.011	0.001	1973
#3	1./.	15/3	0.004	0.002	10973
#2	1	1575	0.055	0012	10972
#1	V	1517	-		11471 boss Bot
	1				
					-
				-	



		(CONTRACTOR QUALI			RT	REPORT 23	/JUN/10
			(ATTACH ADDITIONAL S	SHEETS IF NECESSAF		07 & -18 at Parcel B; S	NO	007
PHASE	CONTR	RACT NO	N62473-09-D-2608	CONTRACT T	D-1, and	G; and Soil Stockpiles	at Parcels D-1 and G	. HPS. SF
	WAS PI	REPARATO	ORY PHASE WORK PREFORMED TODAY?		,	YES NO		
RY	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATO	RY PHASE CHECKLIS	ST.			
PREPARATORY		hedule	Definable Feature of Work					Index #
RA.	ACII	vity No.						1
PAI								
RE								1
₫.								
	M/AC IN	UTIAL DUIA	SE WORK PREFORMED TODAY?			.vso □ .vo ■		
			SE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL INITIAL PHAS	SE CHECKLIST		YES NO		
_		hedule		DE OFFICIALIOT.				
INITIAL		vity No.	Definable Feature of Work					Index #
¥								-
=								
								1
			WITH CONTRACT AS APPROVED DURING I	NITIAL PHASE?			YES NO	
			WITH SAFETY REQUIREMENTS?				YES NO	
		hedule vity No.	Description of Work, Testing Performed & By W Section, Location and List of Personnel Presen	Vhom, Definable Featuı ıt	e of Work, Specification	ation		
		01	Verified that activities performed conform	med to the mobilizati	on checklist			
_		02	Removing wood, metal, brick, and clay of			disposal bins started rem	noving large debris (conc	rete) from shoreline
Ρ̈́		-	and placed in stockpile near rad screenir			-		
×				- g ,				
F								
FOLLOW-UP								
_								
REWORK	ITEMS I	DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF B	BUSINESS)	REWORK ITEMS	CORRECTED TODAY (FROM	REWORK ITEMS LIST)	
Sched Activity		Description			Schedule Activity No.	Description		
7100710					riouvity ivo:			
REMARK	S (Also E	Explain Any	Follow-Up Phase Checklist Item From Above Ti	hat Was Answered "NC	I)"), Manuf. Rep On-	Site, etc.		
Sched Activity		Description						
Activity	INU.							
On behalf	of the co	entractor. I ce	ertify that this report is complete and correct and					
equipmen	t and mat	erial used an	d work performed during this reporting period is in awings and specifications to the best of my knowledge	ge	Elizabeth B	inning		6/23/10
except as			awings and specifications to the best of my knowledge			MANAGER AT SITE		DATE
			GOVERNMENT QUALITY ASSU			DATE		
		ANCE REP	RESENTATIVE'S REMARKS AND/OR EXCEPT	IONS TO THE REPOR	rT .			
Sched Activity		Description						
				·-				
4296/2 (9/9	98)				GOVERNMENT QU	JALITY ASSURANCE MANAG SH	GER IEET 1 OF 1	DATE

Mobilization

Date: Elizabeth Binning
Inspector: 6/23/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	Prep	X			Mobilized to the site 6/16/2010
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number(01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			Temporary signage in place until full sized sign is mobilized to the site.
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	Prep	X			
Has a preconstruction inspection of the project site with the Contracting Officer been performed (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Prep	X			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	Initial	X			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Initial	X			Existing conditions photos taken 6/15/2010
Are low-noise emission products utilized where possible (01 57 19.00 20 Temporary Environmental Controls, Sec 3.3)?	Initial	X			
Have garbage disposal containers been mobilized to the site and garbage removal been scheduled (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5.2)?	Initial	X			Refuse containers mobilized to the site 6/18/2010
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	Follow up	X			Existing gravel and asphalt berm protects shoreline. Additional protection measures will be installed prior to performing intrusive work at the site. Installed silt curtain on 6/21/2010 to protect bay from sediments potentially disturbed during revetment installation.
Has the project identification sign been installed within 15 days after the commencement of work at the location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	Follow up		X		Project sign is currently being fabricated.
Is access prevented the public and other unauthorized personnel restricted from the area during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	Follow up	X			Temporary fence installed 6/15/2010. Repaired holes in fencing along NW permanent fence on 6/15/2010. Finished installing privacy screen on perimeter fences on 6/18/2010. Repaired fencing that was damaged due to wind on 6/18/2010.
Are appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	Follow up	X			Spill kits mobilized to the site 6/16/2010.

Requirement		Yes	No	N/A	Comments
Are oily or other hazardous substances prevented from entering the ground, drainage areas, wetlands or local bodies of water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up	X			
Are all temporary fuel oil or petroleum storage tanks surrounded with a temporary earthen berm of sufficient size and strength to contain the contents of the tanks in the event of leakage or spillage (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up			X	No storage tanks onsite
Are solid wastes picked up and placed in covered containers that are regularly emptied (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is dust being properly controlled at all times through use of dust suppressants and water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.7)?	Follow up	X			
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/23/2010

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 6/23/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments		
Field Inspection							
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed		
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010		
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Debris from shoreline has not been collected yet.		
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010		
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X					
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X					
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Clearing and grubbing of the site has not been completed.		
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X					
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X					
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.		
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Debris from shoreline has not been collected yet.		
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project		

Receivables			
Material properties sheet		X	
Manufacturers QC Manual		X	
QC Certification		X	
QC Test report		X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X	
Calibration		X	

QC Manager:	Date:
Elizabeth Binning	6/23/2010



Photo 1: Site Clearing and Demo – Removal of large debris along shoreline

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 23, 2010



Photo 2: Site Clearing and Demo – Removal of large debris along shoreline

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 23, 2010





Photo 3: Site Clearing and Demo - Removal of small debris along shoreline HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: June 23, 2010

Photographed by: Spencer Johnson (ERRG, Inc.)



Photo 4: Site Clearing and Demo – Staging of small debris from shoreline to be placed in radiological disposal bins.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 23, 2010





Photo 5: Site Clearing and Demo – Stockpile of large debris from shoreline prior to placement in the radiological screening area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)



	CC		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 24/J	UN/1	0
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO 008		
CONTRACTOR	Engineering	Remediation Resources	s Group, Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER		Tremediation resource.	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
F	oggy, cool		Sunny, mi			60		53
	1		WORK PERFO	DRMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
01, 02	Crew working or	n placing concrete debris onto th	e debris screening area.	ERRG	1	Superintendent		8
	Crew working or	n breaking up the large brick deb	oris and placing the debris into	ERRG	1	Construction Manager		8
	the roll-off/IMO b	oins. Jeremy Whatley with EMS	on site to discuss sizing	ERRG	1	QC Manager		8
	· ·	d types of waste that is allowed	•	ERRG	1	Tech Lead		8
		ing large concrete debris. Tetra		ERRG ERRG	1	H&S Officer QC Staff		8
	continued today	•	Tight volume all sampling	ERRG	4	Equipment Operators		30
	oorianada today	•		ERRG	9	Laborers		43
				ERRG	1	Truck Drivers		7
				Tetra Tech	3	Rad Techs		24
-		WAS A JOB SAFETY MEETING		YES	П мо	TOTAL WORK HOURS ON JO SITE,	OB	152
JO SAFE	TV	(If YES attach copy of the meeti	,			THIS DATE, INCL CON'T SHE		102
		WERE THERE ANY LOST TIME (If YES attach copy of complete)	d OSHA report)	YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT)KK	848
		t showing inspection performed.	WORK/ HAZMAT WORK DONE)	YES YES	■ NO	TOTAL WORK HOURS FROM	и	
		STE RELEASED INTO THE ENt and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		1000
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		■ SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
01, 02	Tailgate safety b	oriefing, equipment inspections,	deploy ring buoys along shoreling	e, crew members required	to don PDF's with	nin 50' of the water		
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
		Cat 735 Articulated Dump Tr	uck					
		United Rentals 2000gal water						
		Harris Blade 2000gal water	truck					
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used
Activity No.	Harris Blade	4K water truck	· · · · · · · · · · · · · · · · · · ·					7
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 3ea						24
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 3skids						72
	Harris Blade	Cat 322 Long Reach						4
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
			la	mes Nores		6/24/10)	
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RI	EPORT		DATE 24/JU	JN/10)
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	it Parcels D-1 and G,	ations at HPS, SF	REPORT NO 008	С	ont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores		
AM WEATHER		Tromodiation (toodard)	PM WEATHER			MAX TEMP (F)	MIN	TEMP (F)
F	oggy, cool		Sunny, m			60		53
Schedule				ORMED TODAY	1			
Activity No.		WORK LOCATION AND DE	ESCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
							1	
10		WAS A JOB SAFETY MEETIN		☐ YES	П по	TOTAL WORK HOURS ON JOI SITE,	В	
JO SAFE	TV	(If YES attach copy of the meet WERE THERE ANY LOST TIM	_	THIS DATE, INCL CON'T SHEE CUMULATIVE TOTAL OF WOR				
		(If YES attach copy of complete	☐ NO	HOURS FROM PREVIOUS REPORT	XIX			
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	I WORK/ HAZMAT WORK DON I.)	E? YES	☐ NO		1	
		STE RELEASED INTO THE El t and proposed action.)	NVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	ED		SAFETY REQUIREMEN	TS HAV	'E BEEN MET.
7 totality 1 to								
EOLUDBAENIT/BAA	FEDIAL DEOEN/E	D TODAY TO DE INCORDOR	ATED IN TOR (INDICATE COLIF	DILLE A CTIVITY ALLIMDED				
Schedule Activity No.	Submittal #	Description of Equipment/Ma	ATED IN JOB (INDICATE SCHE terial Received	DULE ACTIVITY NUMBER)				
Houvity 140.								
CONSTRUCTION	AND PLANT EQI	 JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY I	NUMBER.			
Schedule	Owner	1	quipment Used Today (incl Mak				1	Hours Used
Activity No.	ERRG	JD310 Backhoe	equipment odea roday (incrimate	c and woder)				6
	Harris Blade	Cat 735						0
	Harris Blade	2K Water Truck					İ	0
	United Rentals	2K Water Truck						0
Schedule Activity No.	REMARKS	1						
<u> </u>								
			Ja	mes Nores		6/24/10		
				CONTRACTOR/SUPERIN	IENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

E LOCATION:	Hunters Point Shipyar	d CONTRAC	T#	N64273-09-D-2608
DATE 0/2	4/10 TIME	0700 PROJEC	T NUMBER 29 - 14:	1
CLIENT	Department of the Na	vv	1 ===	
SPECIFIC LOCATION	IR07			
	Dahrie	Pempual fro	on shoreling	4
TYPE OF WORK	DEDITS A	enovae fre	1011 31101 2119	'e
SAFETY TOPICS	LABOUR EN	AFETY TOPICS PRESENT		rking near shoreline
PROTECTIVE CLOTHING	G/EQUIPMENT	Level D	plus FI	fe preserver
CHEMICAL HAZARDS	None, k	Pad while	n Zoine	LERD DUST down
PHYSICAL HAZARDS				
EMERGENCY PROCEDU	RES Employee	to report any injury to Sup	ervisor; Supervisor notify	SSHO
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/415-0	641-6625(ER) PARAMED	IC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San	Francisco, CA 941124		
CIAL EQUIPMENT			None	
0	01	./ .	1	/
NOTE: SIN	SAtety.	- NO DAK	141e to L	A TYACK
Den Be	OST LINS-	Thin WALLS	No LARGE CO	INC/BRICK METAC
		ATTENDED		
NAME PRINTED		COMPANY		SIGNATURE
716 4 1	WELA	ERR6	Redo	at Alalenia
JoE CUNNINGHER	70.00	NWT	1750	
LISA Broussa	and	NUT	200	Bu C.
TATAFL L	0ZA	EPRG		A FOX
BOBENTO HY	uleva	EKRG	- 27-84	11.
Villager (402)	yr cva_	SERIOT	- Tan	t Pilere
TERNAND LOSS		ERRL.	En.	An-,
Boris Portillo		ERRE	BORIS	PORtillU
0917a 01	2000	FRAG	_ Chra	
Kan Mark		FIGU		Make
Dermy K. WHATI		- EMS -	- Jan	White I
VAULO HASA	hison	ERRG	Danie	Hapel
Action Rem		Teci	000	BIA-
That Matin	ha	THEL	Shirt	9/1
1,7 Bindin	13/	ERRG		
Heather Woller	noung	Exple	Du	9
health & Safety Officer	DILLE SAP		SUPERINTENDENT	JAMO Nores
SIGNATURE	Mamo		SIGNATURE	server Ma
/	// /1			, , , ,



TAILGATE SAFETY MEETING

DATE	6/24/10	TIME		PROJECT NU	MBER _	29-141	
	4 1			TENDESCO.			
				TTENDEES		- 1	w Village
NAME PRI	INTED		COMPA	INY		SIGNAT	URE
	SPINOSA	_	ESPINO	SA SURVETING	_	12/2	
JEREMIAH	ALLRED	_	ESPINOS	A SURVEYING	·	Julio	
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Health & Safety	Officer			SUI	PERINTEN	DENT	
The second of th	Transfer J						
SIGNATURE				SIG	SNATURE		

AIR MONITORING LOG SHEET

6/24/10 @ 0710

repared by:

Client:

US WAVE

Project Name:

Hunter's Point Parcel B IR07/18
San Francisco, CA

Project No.:

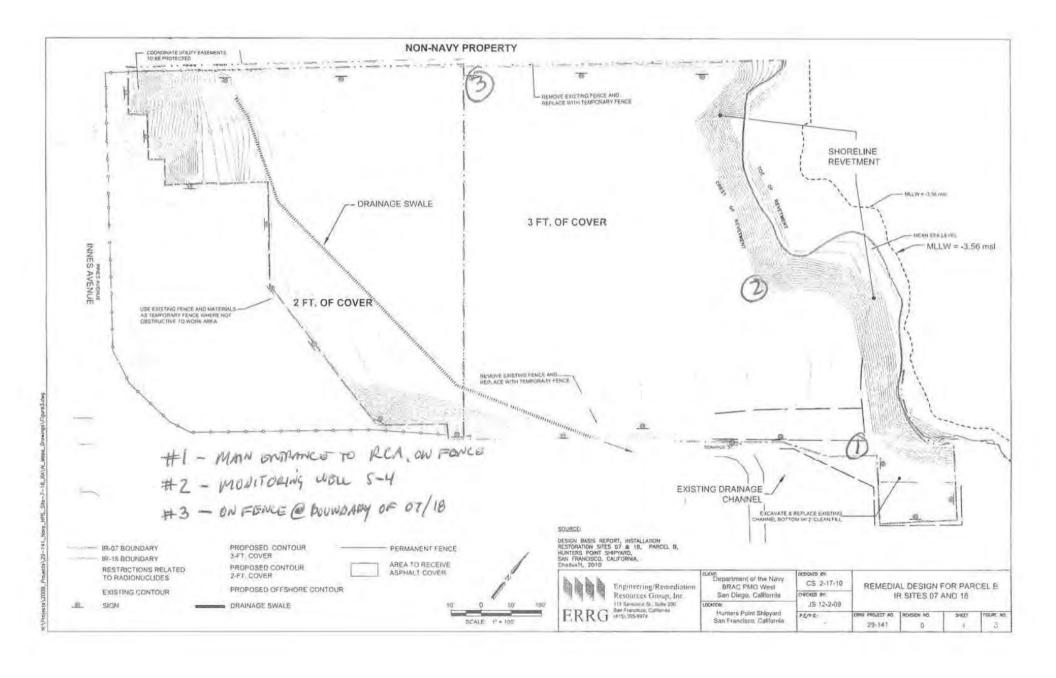
29-141

Site Location: Calibration (Date and Time):

Page:

Standard Used:

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DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the N	lavy	
/-	THURSDAY	Date:	6/24/10		
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		29-141	o.f	
Veather: Site Visitors:	See Tailgate Sign In Log.	_Page:		of	
Description of Field A					
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EX	D LOMDOR.				
Roco	TWO I DUMP TRUCK & DG DOZER -	- SCANNOD	in.		
ned:		Date:	6/24/	/.	



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Mobilization Activities (June 14 – 21, 2010)

- Conducted HPS and Site Specific radiological training for the ERRG field crew (including subcontractors) on June 14th at TtEC's trailer. In addition workers signed the RWP (2010-002) and were issued dosimetry.
- Placed conex container adjacent to RCA entrance for storage of radiological scanning instrumentation, supplies, and storage of radiological documentation.
- A dedicated RCT is assigned to the control point for the RCA and screens workers and equipment entering and exiting the site. Radiological technicians and the construction staff walked the fenced perimeter to verify the site was secured and posted properly.
- The Radiological Supervisor or an RCT provides radiological briefs at the morning tailgate meeting covering topics tailored to the days planned activities.
- After removal of shoreline fencing by ERRG on June 16th, radiological signs were placed along the IR 7/18 shoreline at approximate 20-foot intervals at the high tide waterline.
- Performed incoming surveys of equipment upon receipt. The following have been surveyed: 1 front end loader, 1 4K gallon water truck, 1 200 series excavator, 4 24kVa generators, 3 non-radiological air sample stations, 1 John Deere backhoe, 1 bobcat skid steer, and 1 long reach excavator.

Remedial Action Activities (June 22 – 23, 2010)

- Prior to ERRG commencing shoreline debris removal activities on June 22nd, radiological air monitors were deployed at both upwind and downwind locations.
- Radiological Supervisor continued to provide daily radiological briefs for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffs the RCA entrance at all times when workers are performing site activities. Radiological air monitors are deployed prior to performing any invasive or dust

Daily Status Report Page 2 of 2

generating activities at both upwind and downwind locations. RCA postings are routinely checked.

- ERRG constructed the debris screening area within the RCA on June 22nd.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determine if debris can be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW. LLRW was placed into bin # GFLU 001278 G12 on June 22nd. EMS collected one sample from that bin for waste characterization purposes. LLRW was placed into bins # GFLU 001278 G12 and # DB1200 D2 on June 23rd.

Issues/Items Pending Action

None



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: June 24, 2010	ERRG – CTO 0004

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- Radiological Supervisor continued to provide daily radiological briefs for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffs the RCA entrance at all times when workers are performing site activities. Radiological air monitors are deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings are routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The
 removed debris was segregated into like materials and placed in the debris screening area.
 The RCT evaluated the debris for subsequent radiological screening, or determine if
 debris can be beneficially reused by ERRG in the shoreline revetment, or was placed in
 LLRW bins provided by EMS for disposal as LLRW. EMS collected waste
 characterization samples of the 3 bins (GFLU 001278 G12, GFLU 001276 G12, and
 DB1200 D2).
- Performed incoming surveys of the following equipment: 1 Cat D6N bull dozer, 1 United Rental 4K gallon water truck, 1 Harris Blade 4K gallon water truck, 1 Cat articulating dump truck.

Issues/Items Pending Action

None

	CONTRACTOR QUALITY CONTROL REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY) DATE 24/JU REPORT NO 00										
PHASE	CONTRACT NO	RACT NO N62473-09-D-2608 CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations a D-1, and G; and Soil Stockpiles at Parcels D-1 and G, I									
		ORY PHASE WORK PREFORMED TODAY?		D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF				
RY	IF YES, FILL OU	ES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.									
PREPARATORY	Schedule Activity No.										
AR/											
(EP.											
P.											
	WAS INITIAL PH	ASE WORK PREFORMED TODAY?			YES NO						
٩L	IF YES, FILL OU	ES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.									
	Schedule Activity No.										
INITIAL											
=											
	WORK COMPLIE	S WITH CONTRACT AS APPROVED DURING INIT	TAL PHASE?		YES	■ NO □					
	WORK COMPLIE	S WITH SAFETY REQUIREMENTS?			YES	■ NO □					
	Schedule Activity No.										
	01										
FOLLOW-UP	02										
		removing large debris (concrete) from shoreline and placed in stockpile near rad screening area, staging large concrete debris									
.Lo		fabric, verified that activities performed conf	formed to the site of	clearing and de	molition checklist.						
FOL											
		ED TODAY (NOT CORRECTED BY CLOSE OF BUSI	INESS) F		CORRECTED TODAY (FROM REW	ORK ITEMS LIST)					
Sched Activity		on		Schedule Activity No.	Description						
REMARKS	S (Also Explain Ar	y Follow-Up Phase Checklist Item From Above That	Was Answered "NO")), Manuf. Rep On-	Site, etc.						
Schedule Activity No. Description											
		certify that this report is complete and correct and									
equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report. Elizabeth Binning AUTHORIZED QC MANAGER AT						(6/24/10 DATE				
except as	noted in this report.	GOVERNMENT QUALITY ASSURA			DATE		DATE				
		PRESENTATIVE'S REMARKS AND/OR EXCEPTION									
Schedule Activity No. Description											
4296/2 (9/9	98)		G	OVERNMENT QU	JALITY ASSURANCE MANAGER SHEET	OF 1	DATE				

Mobilization

Date: Elizabeth Binning
Inspector: 6/24/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	Prep	X			Mobilized to the site 6/16/2010
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number(01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			Temporary signage in place until full sized sign is mobilized to the site.
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	Prep	X			
Has a preconstruction inspection of the project site with the Contracting Officer been performed (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Prep	X			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	Initial	X			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Initial	X			Existing conditions photos taken 6/15/2010
Are low-noise emission products utilized where possible (01 57 19.00 20 Temporary Environmental Controls, Sec 3.3)?	Initial	X			
Have garbage disposal containers been mobilized to the site and garbage removal been scheduled (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5.2)?	Initial	X			Refuse containers mobilized to the site 6/18/2010
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	Follow up	X			Existing gravel and asphalt berm protects shoreline. Additional protection measures will be installed prior to performing intrusive work at the site. Installed silt curtain on 6/21/2010 to protect bay from sediments potentially disturbed during revetment installation.
Has the project identification sign been installed within 15 days after the commencement of work at the location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	Follow up		x		Project sign is currently being fabricated.
Is access prevented the public and other unauthorized personnel restricted from the area during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	Follow up	X			Temporary fence installed 6/15/2010. Repaired holes in fencing along NW permanent fence on 6/15/2010. Finished installing privacy screen on perimeter fences on 6/18/2010. Repaired fencing that was damaged due to wind on 6/18/2010.
Are appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	Follow up	X			Spill kits mobilized to the site 6/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Are oily or other hazardous substances prevented from entering the ground, drainage areas, wetlands or local bodies of water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up	X			
contents of the tanks in the event of leakage or spillage (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up			X	No storage tanks onsite
Are solid wastes picked up and placed in covered containers that are regularly emptied (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is dust being properly controlled at all times through use of dust suppressants and water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.7)?	Follow up	X			
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/24/2010

Site Clearing and Demolition

Elizabeth Binning 6/24/2010

Inspector: 6/24/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:		
Elizabeth Binning	6/24/2010		



Photo 1: Site Clearing and Demo – Breaking up brick debris from shoreline for disposal HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.)
Date: June 24, 2010



Photo 2: Site Clearing and Demo – Disposal of small debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 24, 2010





Photo 3: Site Clearing and Demo – Disposal of small debris from shoreline. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: June 24, 2010

Photographed by: Spencer Johnson (ERRG, Inc.)

Photo 4: Site Clearing and Demo – Staging of large debris from shoreline in radiological screening area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 24 2010





Photo 5: Site Clearing and Demo – Surveying of existing radiological screening areas.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 24, 2010



	CC		RODUCTION RE	PORT		DATE 25/JU	JN/10)
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	009)
CONTRACTOR	Engineering	/Remediation Resources		SUPERINTENDENT	.l:	ames Nores		
AM WEATHER	0 0	Temediation resources	PM WEATHER			MAX TEMP (F)	IIM	N TEMP (F)
F	oggy, cool		Sunny, mi			64		53
	1		WORK PERFO	RMED TODAY	1	<u> </u>		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
01, 02	Crew continue v	vorking on removing and stockpi	iling concrete debris from	ERRG	1	Superintendent		8
	shoreline. Place	e and space concrete pieces on	rad screening pad, small	ERRG	1	Project Manager		8
		ood and clay debris into the LLR\	,	ERRG	1	QC Manager		8
		bric for the shoreline revetment-		ERRG	1	Tech Lead		8
	delivery of 4 sets	s of rumble boxes. Continued hi	igh volume air sampling today	ERRG ERRG	1	H&S Officer QC Staff		8
				ERRG	4	Equipment Operators		30
				ERRG	6	Laborers		26
				ERRG	3	Truck Drivers		15
				Tetra Tech	3	Rad Techs		24
		WAS A JOB SAFETY MEETING		■ YES	П по	TOTAL WORK HOURS ON JO SITE,	В	143
JO SAFE	TV	(If YES attach copy of the meeti	,			THIS DATE, INCL CON'T SHE		170
		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WOI HOURS FROM PREVIOUS REPORT	RK	1000
		st showing inspection performed.		YES	■ NO	TOTAL WORK HOURS FROM		
		ASTE RELEASED INTO THE EN it and proposed action.)	VIRONMENT?	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		1143
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		■ SAFETY REQUIREMEN	TS HAV	/E BEEN MET.
01, 02	Tailgate safety b	oriefing, equipment inspections,	deploy ring buoys along shoreline	e, crew members required	to don PDF's with	nin 50' of the water		
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
		26 Rolls Geofabric EP12' X 3	300'					
		4ea 8'X12' Rumble Boxes						
CONSTRUCTION	AND DI ANT EOI	HIDMENT ON TOP SITE TODA'	Y. INDICATE HOURS USED AN	D SCHEDI II E ACTIVITY	NIIMDED			
Schedule	AND PLANT EQI	I	T. INDICATE HOURS USED AN	D SCHEDULE ACTIVITY	NUMBER.		1	
Activity No.	Owner		quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade United Rentals	Cat 950 Loader 25 KW Generators- 3ea						8 24
	Rental Solutions							12
	SCS Tracer	Air Monitoring Skids- 3skids						72
	Harris Blade	Cat 322 Long Reach						4
	United Rentals	Takehuchi skidsteer loader	-					7
Schedule Activity No.	REMARKS							
	<u> </u>					0/05/40		
				nes Nores Contractor/superin	TENDENT	6/25/10 DATE		

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RI	EPORT		DATE 25/JU	N/10	
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,	ations at HPS, SF	REPORT NO 009	cont.	
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores		
AM WEATHER		Tromodiation (toodard)	PM WEATHER	1.1		MAX TEMP (F)	MIN TEMP (F	F)
F	oggy, cool		Sunny, m			64	53	
Schedule				ORMED TODAY	1			
Activity No.		WORK LOCATION AND DE	ESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	,
		WAS A JOB SAFETY MEETIN		☐ YES	П по	TOTAL WORK HOURS ON JOE SITE,		
JO SAFE	TV	(If YES attach copy of the meet	,			THIS DATE, INCL CON'T SHEE		
07.11		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	☐ NO	CUMULATIVE TOTAL OF WOR HOURS FROM PREVIOUS	K	
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	H WORK/ HAZMAT WORK DON	E? YES	☐ NO	REPORT		
WAS HAZARDOU	S MATERIAL/WA	STE RELEASED INTO THE EI t and proposed action.)	•	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	:D		SAFETY REQUIREMENT	S HAVE BEEN M	IET.
Activity No.								
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Ma	terial Received					
	AND PLANT EQU	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY N	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Mak	e and Model)			Hours U	Ised
	ERRG	JD310 Backhoe					7	
	Harris Blade	Cat 735					5	
	Harris Blade	2K Water Truck					2	
	United Rentals	2K Water Truck					0	
Schedule Activity No.	REMARKS							
			<u>Ja</u>	mes Nores CONTRACTOR/SUPERINT	TENDENT	6/25/10 DATE		
				I I I I I I I I I I I I I I I I I I I		DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

19/0/2

E LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
ATE 6/25	/10 TIME 07	PROJECT NUMBER	29 - 141
LIENT	Department of the Navy		
PECIFIC LOCATION	IR-07		
YPE OF WORK	CONTINUE RUMON	M OF LLRW FREN	m saturació pomos
	Cove UNSTO FO	R MAD scrooning	
cana a de l		TOPICS PRESENTED	Landa State III Santa Sa
AFETY TOPICS		ZE WASHER, WHITTER	SAFOTY, STAF, WET SYLADOS
ROTECTIVE CLOTHING	3/EQUIPMENT	EVSL 4 & LIFE VA	CHOTS NORR SHORE
HEMICAL HAZARDS	RAD ARON INGIN	FENCE; POPONTO	D. LL CUNTY
HYSICAL HAZARDS	UNDOW GROWD	, , , , , , , , , , , , , , , , , , , ,	
MERGENCY PROCEDU	RES Employee to repo	ort any injury to Supervisor; Supe	ervisor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHC	ONE 911/415-641-6625(ER)	PARAMEDIC PHONE 911
OSPITAL ADDRESS	3555 Cesar Chavez, San Francis	co, CA 941124	
CIAL EQUIPMENT		None	
+			
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TAILGATE SAFETY MEETING

B 2082

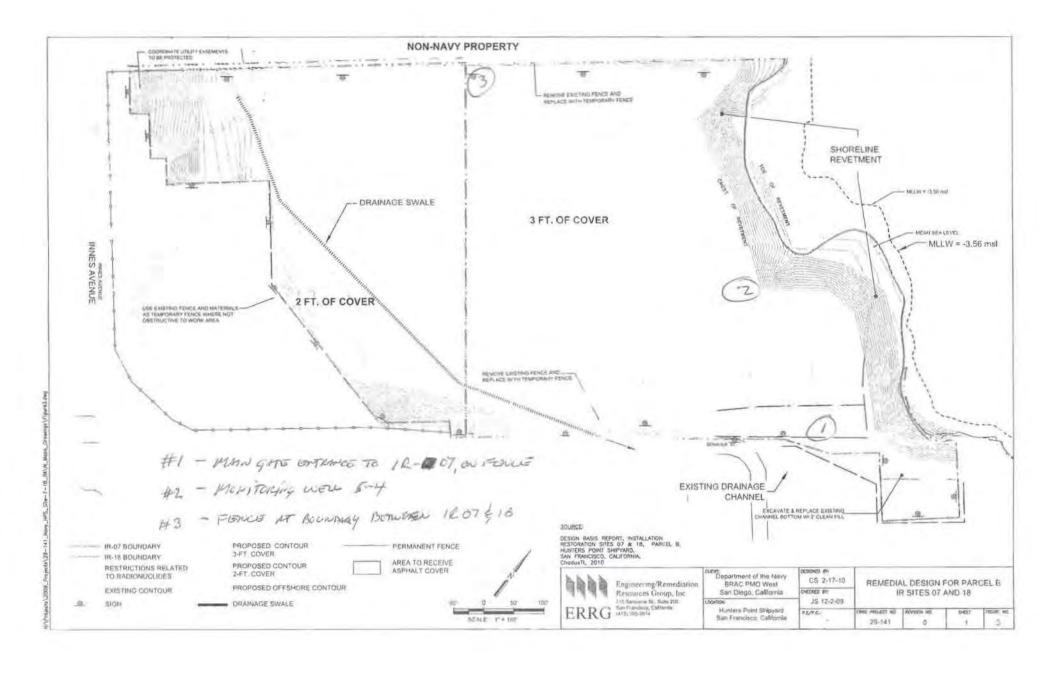
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Health & Safety Officer		SUPERINT	TENDENT	

AIR MONITORING LOG SHEET

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t	CRRG

Prepared by:	DICK EPP	Client:	US NAV	9
Project Name:	ROUBLE DISKN 12-7+18, PARCER B	Project No.:	29-141	1
Site Location:	HPS	Page:	1	of
Calibration (Date	and Time): 6/25/10 @-1010	Standard Used:	AIR BAG	,

Location	Date	Time	CORC. In	DataRAM	Comments
#(6/11/10	1015	0.010	0.009	10971
¥2	/	1024	0.004	0,007	10972
#3		1028	0.009	0,008	10973
ti-1		1125	0.006	0.006	10971
ø2		1128	0.008	0.006	10972
#3		1131	0.003	0.005	10973
¥ (13.52	0.015	0.006	10971
#2		1254	0,000	0.006	10972
¥3		1257	0.011	0.005	10973
Al		1357	0.011	0:009	10971
#2		1400	0.007	0.008	10972
#3		1404	0,009	0.006	10973
#3		1505	0.007	0.006	10973
井		1570	0.014	0.007	10872
#1		1513	0.017	0.010	10973
		t			
					194 97 111 111 111
	V		1		
		1			



DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
'RGDay:	FRIDDY	Date:	6/21700
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	
Weather:	CLOUDY, MICTY THON CLOTHERING	Page:	of
Site Visitors:	See Tailgate Sign/In Log.		
Description of Field A	Activities:		
SAFETY T	AILGATE - WOT SURFICES & EQUIVARIAN	downer.	STAF VOTACIO HOVORING
1	TOR SMPSTY		
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		preside presi	Den 1-12001 Champy Clarks
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	gent with a water TEUK, BACKINE, S	JEIN 316615	, Exchance,
- Sall	LEADER, DUMP TRUCK		
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1	MAR	4.5	1.01
Signed:	1/67/10	Date:	6/4/10
_ / /	///		- C



Tuescated D. (Tuitiala)	146	/211	10		1	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	1 -50			Tue			white			-tho-			Gre-			
Tires and rims		No.	N/A	Yes	No.	N/A	Yes	No.	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
racks			D													
teps and handgrips	P															
uards on moving parts?	D															
Engine belts and hoses	0															
luid levels acceptable?	.0															
oading/lifting capacity marked?	,,,		D													
eat belt operative?	D															
ire extinguisher present?		J														
Vindows and mirrors unbroken?	D															
Sauges operative?	0															
Sattery charged?	D															
Vindshield wipers operative?	P															
Horn operative?	D															
Back up alarm operative?	D															
ights and signals operative?	D															
Steering and other controls	D															
Brakes	P															



Maria and Maria Maria Maria	149			AJU	H	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	6-17-10			6-25-10 DH				6-24 011			5-35 DH					
	Yes	No	N/A	Yes	No	N/A	Yes		N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	X			×			X			DA.						
Tracks			X			X			X			Z				
Steps and handgrips	×			X			X			N						
Guards on moving parts?	X			×			X			Ø						
Engine belts and hoses	V			X			X			X						
Fluid levels acceptable?	X			K			×			X						
Loading/lifting capacity marked?	M			[29]			×			N						
Seat belt operative?	X			X			X			区						
Fire extinguisher present?		X			X				X			Z				
Windows and mirrors unbroken?	V			X			X			X						
Gauges operative?	M			128			74			X						
Battery charged?	V			×			×			X						
Windshield wipers operative?	A			×			×			×						
Horn operative?	X			B			B			N						
Back up alarm operative?	×			N			8			1						
Lights and signals operative?	Ø			A			B			13						
Steering and other controls	W			N			B			×						
	8	П		×		П	×			X						



120)	6			ŀ	leavy	Equi	pme	nt De	fects						
		181													
Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
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					ŀ	leavy	Equi	pme	nt De	fects			Int.		0.0	
Inspected By (Initials) And Date:													6-	25		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims																PINCH TIELL MARK
Tracks															V	
Steps and handgrips															V	
Guards on moving parts?													Ø,			
Engine belts and hoses													W)			
Fluid levels acceptable?													Ø			
Loading/lifting capacity marked?													Ø			
Seat belt operative?													V			
Fire extinguisher present?															X	
Windows and mirrors unbroken?													1			
Gauges operative?													V			
Battery charged?													Ø			
Windshield wipers operative?													4			
Horn operative?													Ó			
Back up alarm operative?													V			
Lights and signals operative?													V			
Steering and other controls													Ø			
Brakes													W			



	Heavy Equipment Defects															
Inspected By (Initials) And Date:	BP	1/6	(21/10	BP'	16/2	0)/0	BP	6/	23/10	BP	6/2	1/10	BP	6/2	1/10	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims			X			X			N			X			X	
Tracks	M			X			10			E			K			
Steps and handgrips	N.			K			Ø			K			K			
Guards on moving parts?	B						M			K			K			
Engine belts and hoses	B			M			A			K			K			
Fluid levels acceptable?	D			1			X			TA.			N			
_oading/lifting capacity marked?	18			K			X			R			K			
Seat belt operative?	R			X			K			8						
Fire extinguisher present?	R			Ø			N			DZI.			区			
Windows and mirrors unbroken?	Ø			区			Ø			K			[3]			
Gauges operative?	Ø			X			M			X			K			
Battery charged?	Ø			Ø						8			X			
Windshield wipers operative?	M			×			B			K			Ø			
Horn operative?	Ø			K			M			X			×			
Back up alarm operative?	B			X			Ø			X						
Lights and signals operative?	X			M			Ø			K			×			
Steering and other controls	X			E			M			8			X			
Brakes			×			M			Ø			X			A	



	Heavy Equipment Defects																
Inspected By (Initials) And Date:	6 23-10 AG			6-2	£ .	10	EM	25-	Pople.								
		No	N/A		No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):	
Tires and rims							翻		E M	Ц					ATT.		
Tracks		П					П	П			Ш		Ш				
Steps and handgrips	K			20			1										
Guards on moving parts?	K			×													
Engine belts and hoses				N												MEM	
Fluid levels acceptable?	國戶	图		×													
Loading/lifting capacity marked?	362																
Seat belt operative?	DE			34-			P										
Fire extinguisher present?						E	2										
Windows and mirrors unbroken?			M			4			2								
Gauges operative?	E			100			1										
Battery charged?		18		- Ref			M									NO characol E	
Windshield wipers operative?			W.			25			护							The Children C	
Horn operative?	De la			30			7										
Back up alarm operative?				2			P										
Lights and signals operative?	W			-			(R)										
Steering and other controls	<u> </u>			a			1	100									
Brakes			0*				56										



Inspected By (Initials)	RIG		ZA	Ric		leavy	Equi	pme	nt De	1	1	QA.	MA	,	2A	
And Date:	6-	21 -	10	6	-22	-10	6.	-23	-10	6	-24	-10	lo-	-24	-10	D = 5 = = b(=) :
ires and rims	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
racks	D			V			U			D			1			
teps and handgrips	V						9			2			~			
Guards on moving parts?	V			V						4			V			
ingine belts and hoses	V			V						V			V			
luid levels acceptable?				V			P			Ø			V			
oading/lifting capacity marked?	V			V						i/			17			
eat belt operative?				V			9									
ire extinguisher present?	V						D.			4			2/			
Vindows and mirrors unbroken?	P			V			0			9			2			
auges operative?	V			V						2			V			
attery charged?				i/			1			V			37			
Vindshield wipers operative?			1			9			1			-			V	
forn operative?	V			0			0						V			
ack up alarm operative?	V			V			2			V			M			
ights and signals operative?	V			V			0			V			V			
Steering and other controls				V			日			V			V			
Brakes	Ø			V			1			V			1			



129	2		46	H	leavy	Egui	pme	nt De	fects			12.4		1	
Mm	6/	y mon	In	6/22	Tue	In	6/23	Week	KM	6/24.	Thur	199	6/25	FRI	
Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
			K			P			M			M			
		R			Z			Ø			1			A	
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M			M			M			W			M			
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Ø			d			Ø			I			d			
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Inspected By (Initials)	1	Heavy Equipment Defects														
And Date:	F.L 6-25-10															
		No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	X															
Tracks			M													
Steps and handgrips	X															
Guards on moving parts?	×															
Engine belts and hoses	D															
Fluid levels acceptable?	D															
Loading/lifting capacity marked?	'X															
Seat belt operative?	V															
Fire extinguisher present?	X															
Windows and mirrors unbroken?	K															
Gauges operative?	X															
Battery charged?	X															
Windshield wipers operative?																
Horn operative?	Q							П								
Back up alarm operative?										П						
Lights and signals operative?																
Steering and other controls	X															
Brakes	Ø				П			П		П		П		П	П	



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: June 25, 2010	ERRG – CTO 0004

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- Radiological Supervisor continued to provide daily radiological briefs for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffs the RCA entrance at all times when workers are performing site activities. Radiological air monitors are deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings are routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determine if debris can be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.

Issues/Items Pending Action

None

		(CONTRACTOR QUALIT			RI	REPORT 25	/JUN/10
			(ATTACH ADDITIONAL SH	EETS IF NECESSAI	,	07.0.40 : 5	NO	009
PHASE	CONTRA	CT NO	N62473-09-D-2608	CONTRACT T	TILE RA at IR-0	07 & -18 at Parcel B; \$ G; and Soil Stockpiles	ooil Hotspot Locations at Parcels D-1 and G	at Parcels B, . HPS, SF
	WAS PRE	EPARATO	RY PHASE WORK PREFORMED TODAY?	1	2 1, and		■	,
ᇫ			AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	ST.			
PREPARATORY	Sche		Definable Feature of Work					Index #
RA.	Activit	y No.						
PAI								
RE								
□								
	WAS INIT	IAL PHAS	SE WORK PREFORMED TODAY?			YES ☐ NO [<u> </u>
			AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.		120 🖂 110 [
	Sche	dule	Definable Feature of Work					Index#
INITIAL	Activit	y No.	20					index ii
Ξ								
_								1
	WORK C	OMPLIES	WITH CONTRACT AS APPROVED DURING INI	TIAL PHASE?			YES NO	
			WITH SAFETY REQUIREMENTS?				YES NO L	
	Sche		Description of Work, Testing Performed & By Who	om, Definable Featu	re of Work, Specifica	ation		
	Activit		Section, Location and List of Personnel Present		, , , , , , , , , , , , , , , , , , , ,			
	0	1	Verified that activities performed conforme	d to the mobilizati	on checklist.			
₫	0:	2	Removing large debris (concrete) from sh	oreline and place	d in stockpile nea	ar rad screening area, sta	aged large concrete debr	s on rad screening
٧-ر			fabric, verified that activities performed con	formed to the site	clearing and den	nolition checklist.		
o-								
FOLLOW-UP								
Щ								
REWORK	ITEMS IDI	ENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUS	SINESS)	REWORK ITEMS (CORRECTED TODAY (FROM	M REWORK ITEMS LIST)	
Sched	ule	escription		,	Schedule	Description	,	
Activity	No.				Activity No.			
REMARKS	S (Also Ex	plain Any	Follow-Up Phase Checklist Item From Above That	Was Answered "NC)"), Manuf. Rep On-	Site, etc.		
Sched	ule	escription			,			
Activity	No.	Coorption						
On behalf	of the cont	ractor. I ce	rtify that this report is complete and correct and					
equipment	and mater	ial used an	d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth Bi	inning		6/25/10
	noted in thi		awings and specifications to the best of my knowledge		AUTHORIZED QC N			DATE
			GOVERNMENT QUALITY ASSUR	ANCE REPOR	T	DATE		
		ICE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTIO	NS TO THE REPOR	RT.			
Sched Activity		escription						
				-	COVEDNIMENT OF	JALITY ASSURANCE MANA	CED	DATE
4296/2 (9/9	98)				GOVERNIVIEN I QU		GER HEET 1 OF 1	DATE

Mobilization

Date: Elizabeth Binning
Inspector: 6/25/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	Prep	X			Mobilized to the site 6/16/2010
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number(01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			Temporary signage in place until full sized sign is mobilized to the site.
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	Prep	X			
Has a preconstruction inspection of the project site with the Contracting Officer been performed (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Prep	X			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	Initial	X			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Initial	X			Existing conditions photos taken 6/15/2010
Are low-noise emission products utilized where possible (01 57 19.00 20 Temporary Environmental Controls, Sec 3.3)?	Initial	X			
Have garbage disposal containers been mobilized to the site and garbage removal been scheduled (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5.2)?	Initial	X			Refuse containers mobilized to the site 6/18/2010
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	Follow up	X			Existing gravel and asphalt berm protects shoreline. Additional protection measures will be installed prior to performing intrusive work at the site. Installed silt curtain on 6/21/2010 to protect bay from sediments potentially disturbed during revetment installation.
Has the project identification sign been installed within 15 days after the commencement of work at the location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	Follow up		X		Project sign is currently being fabricated.
Is access prevented the public and other unauthorized personnel restricted from the area during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	Follow up	X			Temporary fence installed 6/15/2010. Repaired holes in fencing along NW permanent fence on 6/15/2010. Finished installing privacy screen on perimeter fences on 6/18/2010. Repaired fencing that was damaged due to wind on 6/18/2010.
Are appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	Follow up	X			Spill kits mobilized to the site 6/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Are oily or other hazardous substances prevented from entering the ground, drainage areas, wetlands or local bodies of water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up	X			
Are all temporary fuel oil or petroleum storage tanks surrounded with a temporary earthen berm of sufficient size and strength to contain the contents of the tanks in the event of leakage or spillage (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up			X	No storage tanks onsite
Are solid wastes picked up and placed in covered containers that are regularly emptied (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is dust being properly controlled at all times through use of dust suppressants and water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.7)?	Follow up	X			
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/25/2010

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 6/25/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/25/2010



Photo 1: Site Clearing and Demo – Removing large concrete debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 25, 2010



Photo 2: Site Clearing and Demo – Stockpiling large concrete debris near radiological screening area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 25, 2010





Photo 3: Site Clearing and Demo – Placing large concrete debris stockpile on fabric.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 25, 2010



Photo 4: Site Clearing and Demo – Spreading large concrete debris on radiological screening fabric.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 25, 2010





Photo 5: Mobilization – Delivery of filter fabric for shoreline revetment.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 25, 2010



Photo 5: Mobilization – Delivery of rumble strips. **HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California**Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 25, 2010



	CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 28/JUN/10		
CONTRACT NO N62473-	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO 010		
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		Artemediation resource	PM WEATHER			MAX TEMP (F)	MIN	TEMP (F)
F	oggy, cool		Sunny, mi			64		53
	1		WORK PERFO	DRMED TODAY	1	i	1	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
01, 02	Crew working or	n removing concrete debris on s	horeline and stockpiling	ERRG	1	Superintendent		8
	Crew working o	n removing small brick, wood, n	netal and clay debris and placing	ERRG	1	Project Manager		8
		in. Crew working on moving the	Ů .	ERRG	1	QC Manager		8
		t in the stockpile area. TT on si		ERRG ERRG	1	Tech Lead H&S Officer		8
		e Harris Blade 2K water truck ar pling continued today.	id the rumble strips. High	ERRG	1	QC Staff		8
	velocity an sam	pinig continued today.		ERRG	4	Equipment Operators		34.5
				ERRG	6	Laborers		31
				ERRG	3	Truck Drivers		14
				Tetra Tech	3	Rad Techs		24
						TOTAL WORK HOURS ON IO	_	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	TOTAL WORK HOURS ON JO SITE,		151.5
SAFE	TV	WERE THERE ANY LOST TIM	,			THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO		
		(If YES attach copy of complete	d OSHA report)	☐ YES	■ NO	HOURS FROM PREVIOUS REPORT		1143
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	WORK/ HAZMAT WORK DONE .)	? YES	■ NO			
		ASTE RELEASED INTO THE EN t and proposed action.)	NVIRONMENT?	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		1294.5
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.							
01, 02	Tailgate safety briefing, equipment inspections, deploy ring buoys along shoreline, crew members required to don PDF's within 50' of the water							
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
CONSTRUCTION	AND PLANT EQI	L UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
Activity No.	Harris Blade	4K water truck	·· · · · · · · · · · · · · · · · · · ·	·				8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						6
	United Rentals	25 KW Generators- 3ea						24
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 3skids						72
	Harris Blade	Cat 322 Long Reach						<u> </u>
Schedule	United Rentals	Takehuchi skidsteer loader						0
Activity No.	REMARKS							
				mes Nores CONTRACTOR/SUPERIN	ITENDENT	6/28/10)	
				2.2.200.2700				

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RI	EPORT		DATE 28/JUI	N/10
	N62473-09-D-2608 Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF					REPORT NO 010	cont.
CONTRACTOR	Engineering	Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores	
AM WEATHER _		Tromodiation recognition	PM WEATHER	:1 -1		MAX TEMP (F)	MIN TEMP (F)
F	oggy, cool		Sunny, m			64	53
Schedule				ORMED TODAY			
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	□ NO	TOTAL WORK HOURS ON JOB SITE,	
SAFE	TV	WERE THERE ANY LOST TIM	,	YES	□ NO	THIS DATE, INCL CON'T SHEET CUMULATIVE TOTAL OF WORK	
MAS CDANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DON	=2 —		HOURS FROM PREVIOUS REPORT	
		t showing inspection performed		YES YES	☐ NO	TOTAL WORK HOURS FROM	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)					START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BY						
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received				
CONSTRUCTION	AND PLANT EQU	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY N	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Mak	e and Model)			Hours Used
	ERRG	JD310 Backhoe					6
	Harris Blade	Cat 735					6.5
	Harris Blade	2K Water Truck					0
	United Rentals	2K Water Truck					6
Schedule Activity No.	REMARKS						
			<u>Ja</u>	mes Nores CONTRACTOR/SUPERIN	FENDENT	6/28/10 DATE	<u> </u>

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

"E LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 6/28	/10 TIME 01	700 PROJECT NUMBER	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	IRDT, PARCOR B		
TYPE OF WORK	CLOTRING SHORE	INE OF DEBRIS	
	SAFETY T	OPICS PRESENTED	
SAFETY TOPICS	STF, EQUIPMIN	MOVEMENT	
PROTECTIVE CLOTHING			INCHESTS (HAUT) HAT, SAFETY GLASSES
CHEMICAL HAZARDS	LL RAD AROM		
PHYSICAL HAZARDS	UNDUW SURFACES	SLIPPORY SURFACES, A	LASE, NSOUTS, SUN OPPOSING
EMERGENCY PROCEDU	RES Employee to report	t any injury to Supervisor; Super	visor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHO	NE 911/415-641-6625(ER)	PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc	o, CA 941124	
CIAL EQUIPMENT		None	
		ATTENDEES	
1CONIE VALENCE		COMPANY R.G.	SIGNATURE
The Cuminghan		wT	Wo be
LISA Braissond		TUI	18 Ana Brasson
Viliamin Laig		Reg	65 556M
Roberto Aguil	era Fl	16	West Thinks
Ken Harle		MG	Frence
RAFAEL L	OZA_ E	PRG	Palace Josa
FERNAHDO LOZ	OCCO ER	2000	arch Donon
ENRIGHE MARTIL		ZRK -	Troits
LIZ BUAN	AS E	PRG	
DAVED 1/15/16	<u> </u>	RRG'	Defeat Hasel,
John Sourial	Janey E	TEC CRG	
		226	y-gar
Heather Woller	1BUVET	ERRC	And I
Phil Poole		WIT -	Photo a dall
nealth & Safety Officer	DICK ERS	SUPERINTE	NDENT TAIM CMAS
SIGNATURE)//	1 Cypo	SIGNATURE	Can Colla



TAILGATE SAFETY MEETING

DATE	6/28/10	_ TIME	PROJECT NUMI	BER 29-141
			ATTENDEES	
77+50N	APM APM		OMPANY RRC RRG	SIGNATURE
		\equiv		
ė.		\equiv		
Health & Saf	ety Officer		SUPE	RINTENDENT
SIGNATURE			SIGN	ATUR <u>E</u>

DAILY FIELD ACTIVITY LOG

Prepared by: RGDay: Project Name: Weather: Site Visitors: Description of Field	. W	Page:	/_ of _/_	
PORIMO	THILGATE - STYF, WATER ST ESTRUCK BY.			
ROMOVIOD	MATERIAL TO NEW CROSSING IN	DRAWAGE	CHANNOTS, THIS	
				-
/	N USE! I WATER TRUKS, EXEAU	,	D WADER, BACKHEE	
Signed:	NGA -	Date:	6/28/10	

AIR MONITORING LOG SHEET

Prepared by: Project Name:

Site Location:

San Francisco, CA

Calibration (Date and Time): 20 6/28 to @ 0710

DICK EPP Hunter's Point Parcel B IR07/18

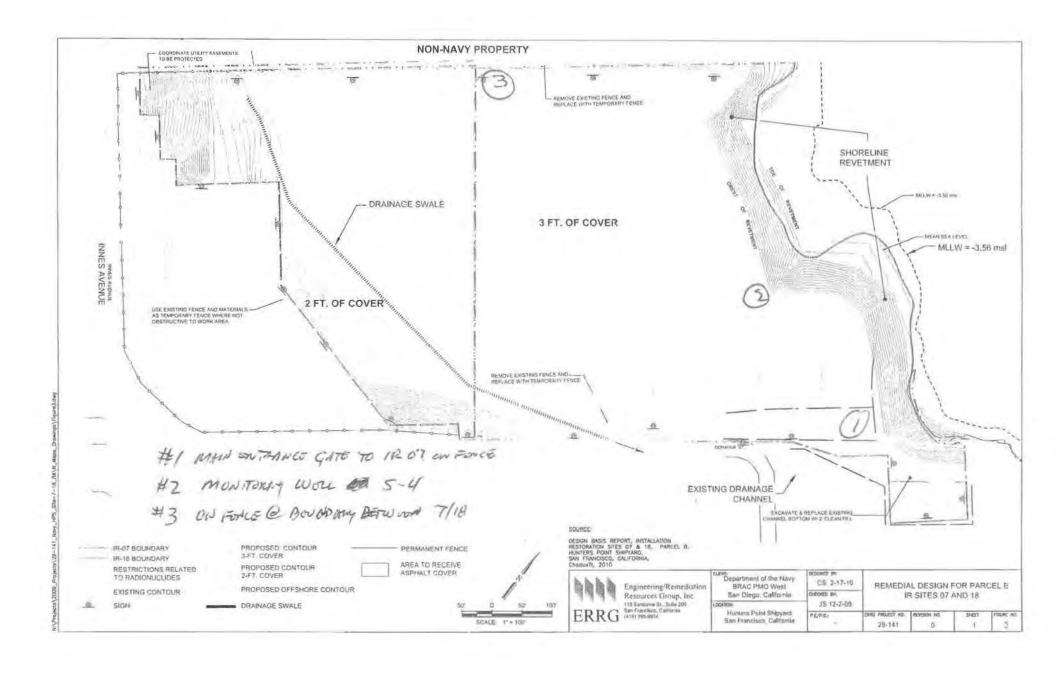
Page: Standard Used:

Project No.:

Client:

USINAVY

Location	Date	Time	PID Ins	strument $\neg \omega_A$ DataRAM	Comments	
#1	6/20/10	0720	0.043	0.042	10971	
#2	/ /	0723	0.036	0.036	10972	
#3	1	0730	0.045	0.092	10973	
#1		0819	0,027	0.038	10971	
\$ 2		0821	0.024	0.031	10972	
43		0825	0,007	0.020	10973	
£1		0940	0,036	0.034	10971	
iv		0942	0.018	6,027	10972	
73		0947	0.011	0.013	10973	
#-/		1046	0,024	6.034	10971	
#/		1047	0.015	0,023	10972	
#3		1053	0.012	0.011	16973	
		435	0.013	0:033	10971	
#2		1138	6.007	0.021	10972	
#3		1/41	6.004	0.010	10973	
#3		1233	0.010	0.029	10971	
#2		1275	0,003	0.019	10972	
集子 -		1239	0,003	0.007	10973	
H		1331	0.016	6.626	16971	
#2		1335	0-045	0.018	10972	
#3		1339	0.008	0.006	16973	
#2		1440	0.006	0.016	10972	
杓		1443	0.063	0.005	11973	
#1		1499	0.631	0.021	10971	
#3		1505	0.000	0.002	10973	
42	V	1570	0,016	0.016	10972	
71		1516	0.016	6.0 LD	13471	
					100	





DAILY STATUS REPORT IR-07 Remedial Action

Report Date: June 28, 2010	ERRG – CTO 0004

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Senior Radiological Technician provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site
 activities. Radiological air monitors were deployed prior to performing any invasive or
 dust generating activities at both upwind and downwind locations. RCA postings were
 routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- An RCT performed incoming surveys of the following equipment: 1 Rumble Strip and 1 4K gallon water truck.

Issues/Items Pending Action

None

		(CONTRACTOR QUALIT	Y CONTR	OL REPO	RT	REPORT 28	B/JUN/10
			(ATTACH ADDITIONAL SH	EETS IF NECESSAI	,		NO	010
PHASE	CONTRAC	CT NO	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parcel B; S G; and Soil Stockpiles	Soil Hotspot Locations	s at Parcels B,
	WAS PRE	PARATO	RY PHASE WORK PREFORMED TODAY?		D-1, and	YES NO		D, NFO, OF
≿			AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	ST.	120 🔲 110 🖪		
PREPARATORY	Sche	dule	Definable Feature of Work					Index #
(AT	Activity	y No.	Definable readure of Work					ilidex #
AR								
Ü								
P								
			SE WORK PREFORMED TODAY?			YES NO		
			AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.				1
AL	Sched Activity		Definable Feature of Work					Index #
INITIAL								
2								
	WORK CO	OMPLIES	WITH CONTRACT AS APPROVED DURING INI	TIAL PHASE?			YES NO]
	WORK CO	OMPLIES	WITH SAFETY REQUIREMENTS?				YES NO]
	Scheo Activity		Description of Work, Testing Performed & By Who Section, Location and List of Personnel Present	om, Definable Featu	re of Work, Specifica	ation		
			·					
	01		Verified that activities performed conforme					
UP	02	2	Removing large debris (concrete) from sh					
Μ-			fabric, moved background rad screening pa		stockpiled in ma	teriai stockpile area, verifie	ed that activities perform	ea conformea
P			to the site clearing and demolition checklis	τ.				
FOLLOW-UP								
ш								
REWORK	ITEMS IDE	NTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUS	SINESS)	REWORK ITEMS (CORRECTED TODAY (FROM	1 REWORK ITEMS LIST)	
Sched		escription			Schedule Activity No.	Description		
Activity	NO.				Activity No.			
REMARKS	S (Also Exr	olain Anv	Follow-Up Phase Checklist Item From Above That	Was Answered "NC)"), Manuf, Rep On-	Site, etc.		
Sched	ule	escription	·		, ,	•		
Activity	No.	Cocription						
equipmen	and materi	al used an	rtify that this report is complete and correct and d work performed during this reporting period is in		Elizabeth Bi	innina		6/28/10
	e with the c noted in this		awings and specifications to the best of my knowledge	_		MANAGER AT SITE		DATE
			GOVERNMENT QUALITY ASSUR	RANCE REPOR	T	DATE		
QUALITY /	ASSURAN	CE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTIO					
Sched Activity		escription						
	-							
	<u> </u>							
420e/2 /0"	101			-	GOVERNMENT QU	JALITY ASSURANCE MANAG		DATE
4296/2 (9/9	10)					SH	HEET 1 OF 1	

Mobilization

Date: Elizabeth Binning
Inspector: 6/28/2010
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	Prep	X			Mobilized to the site 6/16/2010
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number(01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			Temporary signage in place until full sized sign is mobilized to the site.
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	Prep	X			
Has a preconstruction inspection of the project site with the Contracting Officer been performed (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Prep	X			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	Initial	X			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Initial	X			Existing conditions photos taken 6/15/2010
Are low-noise emission products utilized where possible (01 57 19.00 20 Temporary Environmental Controls, Sec 3.3)?	Initial	X			
Have garbage disposal containers been mobilized to the site and garbage removal been scheduled (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5.2)?	Initial	X			Refuse containers mobilized to the site 6/18/2010
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	Follow up	X			Existing gravel and asphalt berm protects shoreline. Additional protection measures will be installed prior to performing intrusive work at the site. Installed silt curtain on 6/21/2010 to protect bay from sediments potentially disturbed during revetment installation.
Has the project identification sign been installed within 15 days after the commencement of work at the location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	Follow up		X		Project sign is currently being fabricated.
Is access prevented the public and other unauthorized personnel restricted from the area during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	Follow up	X			Temporary fence installed 6/15/2010. Repaired holes in fencing along NW permanent fence on 6/15/2010. Finished installing privacy screen on perimeter fences on 6/18/2010. Repaired fencing that was damaged due to wind on 6/18/2010.
Are appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	Follow up	X			Spill kits mobilized to the site 6/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Are oily or other hazardous substances prevented from entering the ground, drainage areas, wetlands or local bodies of water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up	X			
Are all temporary fuel oil or petroleum storage tanks surrounded with a temporary earthen berm of sufficient size and strength to contain the contents of the tanks in the event of leakage or spillage (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up			X	No storage tanks onsite
Are solid wastes picked up and placed in covered containers that are regularly emptied (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is dust being properly controlled at all times through use of dust suppressants and water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.7)?	Follow up	X			
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/28/2010

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 6/28/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/28/2010



Photo 1: Site Clearing and Demo – Removing large concrete debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 28, 2010



Photo 2: Site Clearing and Demo – Removing large concrete debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 28, 2010





Photo 3: Site Clearing and Demo – Stockpiling large concrete debris near radiological screening area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 28, 2010



Photo 4: Site Clearing and Demo – Shoreline cleared of debris.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 28, 2010





Photo 5: Site Clearing and Demo – Removal of background screening pad from RCA
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.)
Date: June 28, 2010



Photo 5: Site Clearing and Demo – Silt curtain performing correctly - turbid water on inboard side and clear water on outboard side of silt curtain.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: June 28, 2010

	CC	NTRACTOR PI		DATE 29/JUN/10					
CONTRACT NO N62473-0	, ,								
CONTRACTOR	Engineering	/Remediation Resources	s Group, Inc	SUPERINTENDENT	.1:	ames Nores			
AM WEATHER	0 0	Temediation resources	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)	
C	clear, cool		Sunny, wi			68		53	
Schedule			WORK PERFO	ORMED TODAY		1	——		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
01,02	Crew working or	n removing the remaining small	wood, brick, metal and clay	ERRG	1	Superintendent		8	
	debris from the shoreline and placing that debris directly into the LLRW bin ERRG 1 Construction Manager								
	-	removing large concrete debris		ERRG	1	Project Manager		6	
		oris screening strips. Crew worki and pulling the plastic and fabric	•	ERRG ERRG	1	QC Manager Tech Lead		8	
	* '	ic placed directly into the LLRW		ERRG	1	H&S Officer		8	
		.,		ERRG	1	QC Staff		8	
				ERRG	4	Equipment Operators		29	
				ERRG	7	Laborers		35	
				ERRG	3	Truck Drivers		16	
				Tetra Tech	3	Rad Techs		24	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		■ YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		154	
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO)RK	1294.5	
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE .)	YES	■ NO	REPORT TOTAL WORK HOURS FROM	л		
(If YES attach des	ARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? tach description of incident and proposed action.) START OF CONSTRUCTION							1448.5	
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.								
01, 02	Tailgate safety briefing, equipment inspections, deploy ring buoys along shoreline, crew members required to don PDF's within 50' of the water								
Schedule	ERIAL RECEIVE Submittal #	T	ATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER))				
Activity No.	Submillar#	Description of Equipment/Mat	enai Received						
	AND PLANT EQ	JIPMENT ON JOB SITE TODA'	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.				
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used	
	Harris Blade	4K water truck						8	
	ERRG	JD 200CLC Excavator						2	
	Harris Blade	Cat 950 Loader						2	
	United Rentals	25 KW Generators- 3ea						24	
	Rental Solutions							12 72	
	SCS Tracer Harris Blade	Air Monitoring Skids- 3skids					\longrightarrow	0	
	United Rentals	Cat 322 Long Reach Takehuchi skidsteer loader							
Schedule		Takenden skidsteer loader						7	
Activity No.	REMARKS								
	Trespasser on s	site today inside the exclusion z	zone, notified Navy and shut dow	vn operations until that per	son left the site-	see Health and Safety Report	for detai	ls	
			la	mes Nores		6/29/10	<u> </u>		
				CONTRACTOR/SUPERIN	TENDENT	DATE			

	CC	DATE 29/JUN/10					
	09-D-2608	(ATTACH ADDITION TITLE AND LOCATION RA Parcels B, D-1, and	REPORT NO 011	cont.			
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores	
AM WEATHER		Tromodiation (toodardo	PM WEATHER			MAX TEMP (F)	MIN TEMP (F)
C	Clear, cool		Sunny, w			68	53
Schedule			_	ORMED TODAY	1		
Activity No.		WORK LOCATION AND DE	ESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
							-
					+		
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		☐ YES	□ NO	TOTAL WORK HOURS ON JOB SITE,	
SAFE	TV	WERE THERE ANY LOST TIM		_	_	THIS DATE, INCL CON'T SHEET CUMULATIVE TOTAL OF WORK	
		(If YES attach copy of complete	ed OSHA report)	YES	☐ NO	HOURS FROM PREVIOUS REPORT	`
	MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? Statement or checklist showing inspection performed.) YES NO						
	ARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ach description of incident and proposed action.)						
Schedule Activity No.							
FOLUDIAENT/MAAT	EDIAL DECENE	D TODAY TO DE INCODDODA	ATED IN JOB (INDICATE SCHE				
Schedule Activity No.	Submittal #	Description of Equipment/Ma	·	DOLE ACTIVITY NUMBER)			
,							-
CONSTRUCTION	AND PLANT EQI		Y. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY I	NUMBER.		
Schedule	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used
Activity No.	ERRG	JD310 Backhoe	·· · · · · · · · · · · · · · · · · · ·	,			6
	Harris Blade	Cat 735					6
	Harris Blade	2K Water Truck					2
	United Rentals	2K Water Truck					0
	Harris Blade	Cat LGP D-6 Bulldozer					6
Schedule Activity No.	REMARKS						
			Ja	mes Nores	TENDENT	6/29/10	
				CONTRACTOR/SUPERIN	IENDENI	DATE	



TAILGATE SAFETY MEETING

L'E LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608		
DATE 6/29/1	O TIME	0700 PROJECT NU	MBER 29 - 141		
LIENT	Department of the Navy				
PECIFIC LOCATION	IR-07. PARCOL	B			
YPE OF WORK	-		MOVING FORMER SCREENING PARK		
			/		
AFETY TOPICS		TY TOPICS PRESENTED	Free Lucia Com-		
ROTECTIVE CLOTHING			STYF, WATER SAFETY		
HARD HAT	, SAFOTY GUISITS	LÉVELD + PED'S WISIDE SIMEDS, RE WORK POOTS, GLOVE	FLOCTIVE VOSTS, SLOTEVOD SHIET,		
CHEMICAL HAZARDS	LOW LOVE RADIO	The POTONT INC			
PHYSICAL HAZARDS UNEVEN & SLIPERY SURFACES, INSUCTS, SHARP UBJUTS					
MERGENCY PROCEDURE	Employee to	report any injury to Superviso	r; Supervisor notify SSHO		
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/415-641-66	525(ER) PARAMEDIC PHONE 911		
IOSPITAL ADDRESS 3	555 Cesar Chavez, San Fr	ancisco, CA 941124			
CIAL EQUIPMENT			None		
		ATTENDEES			
NAME PRINTED		COMPANY	SIGNATURE		
1	1/	-001			
CAMES E	Noirs_	E14617	James Color		
EURIQUE MARTI	NEC	ERR6	Joseph Joza		
tryingo Loza		TERRY	Se se		
Ken Herle		FEFTE	of Mule		
Roberto Harite	121	C INIG	Estato Pholores		
Icente VALONC	119	ERKE	Thereto Naterico		
JOHN SOURIAL		ERRG			
INAM KOW		Her	000		
JOE Comminghan O		Nut	The state of the s		
DAUZO HASA	16	ERRG	Dan Herel		
Doni, Part	t	5 RRG	Romis Port		
Spencer John	son	ERRG	my the		
LIZ BIMMY		EBRG	1		
- 52015 L	ROPEL	Sittle_	Done		
realth & Safety Officer	Dick opp	SUPI	ERINTENDENT		
IGNATURE MA	Man	SIGN	NATURE		



TAILGATE SAFETY MEETING

DATE	6/29/10	TIME	PROJECT NUMBER	R
			ATTENDEES	
17501	AME PRINTED ALL WOLLENBURG ARBEI EN NG y Hald		COMPANY ERRC FALL ROICC FRE	SIGNATURE States In
Health &	Safety Officer	Ξ	SUPERI	NTENDENT
SIGNATU			SIGNAT	URE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy		
RGDay:	TUESDAY	Date:	6/29/10		
roject Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:			
Veather:	CLEAR, WINDY	Page:	1	of	
Site Visitors:	See Tailgate Sign In Log.	2.7			
Description of Field A					
SAFETY	TAILGATE - EQUIPMENT TRAFFIC & 1	Proximiry	, S'T+F, a	INTON SALLORY	
CLEARING	DOBBY FROM SHOROLINE CONTINUE	b			
TOTAL TEC	H BOEN RAD SCHOOLING OF RUBBIE	AROM SHO	RUNNE		
Romering	EXISTING GEROWING MOS FROM PER	Vious COUNTR	UTS		
ADDED C	GRAVER TO SWILL CACAMONIN CACIST	ings			
-					
EQUIPMENT	IN USE: 2 LOSTON THUCKS, EXCOURTOR,	OND LOAD	on Duyp	TRUCK	
	KHOE, SKIDSTEGER, BULLDOZOR		-		
1240	The state of the s				
-	1				
		Date:	6/29/10		
ned:	Ullian	Date.	6/29/11		

AIR MONITORING LOG SHEET

ERRG

Prepared by:

Project Name:

DICK CPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 6/29/10 40655

Client:

Standard Used:

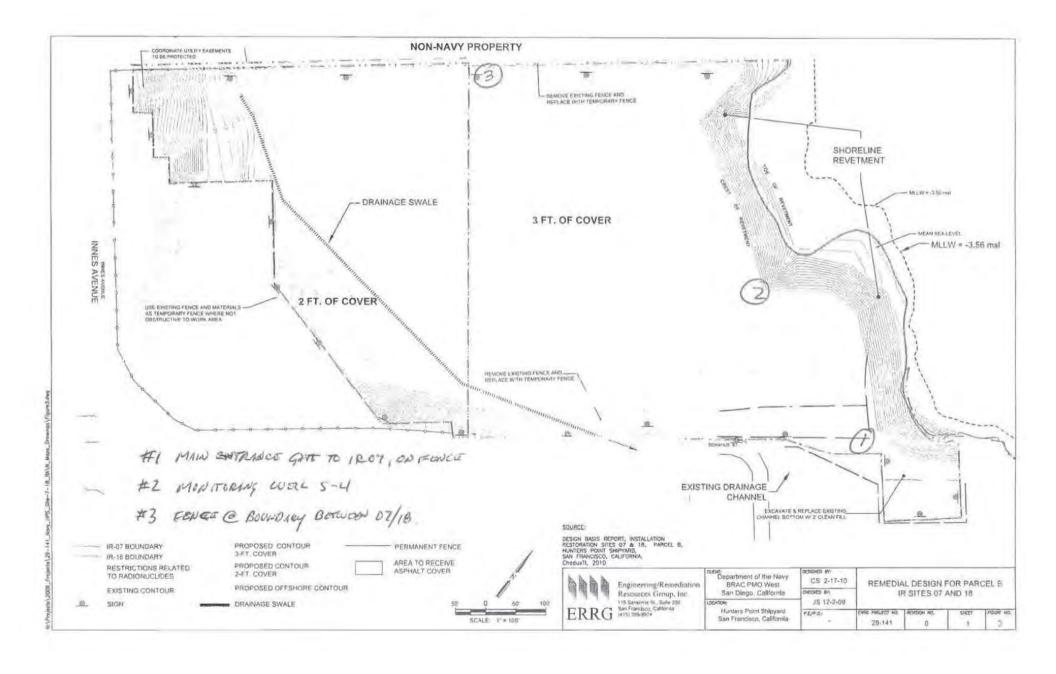
Project No.:

Page:

US NAUY 29-141

AUR BIG

Location	Date	Time	CAJC. II	nstrument TAA DataRAM	Comments
#1	4/29/10	0720	02625	0.043	10971
#2	7 7	0727	0,020	08011	10972
#3	/	0732	0.030	0-029	16973
#1		0818	0,023	0.024	10971
#2		0822	0.020	0.018	10972
#3		0828	0.016	0.017	10973
#1		1015	0.037	0,023	10971
#2		1017	0-035	0.021	10972
#3		1020	0,035	0.015	10973
#1		1233	0.038	0.031	10971
·# L		1235	0.044	0.031	10972
#3		1239	0.027	0.021	10973
#1		1413	0.027	0.21	10971
#2		1415	0.031	0.033	10972
#3		1419	0.026	0:022	10973
43		1515	0.034	0.023	10973
#3		1519	0,027	6 633	10972
#1		1522	0.072	0.640	10971
		1			
+					
		010			
	1				
	V				
	- 14				
				10	



Report Date: Contracting Activity/ROICC Office									
6/29/10	NAV	14 ROIC	c, saw &	FRANCISCO BAY					
ccident Classification:	-				v 02 - 1	- V 43 - V -			
Injury Illne	ss Fata	lity	Propert	y Damage Proceed	fural Issues	Environmen	tal BI OTHU		
Involving:									
Hazardous Materials	Electr	rical		Equip/Motor Vehicle/ Material Handling	Divi	ng Falls	S		
Confined Space		/Rigging		Trenching/Entrapment	☐ Fire	Otho	er		
Waterfront Operations	Demo	olition/Reno	vation						
2. Personal Data:									
A. Name (Last, First, M	ſ.)			B. Age	C. Sex	D. Social S	ecurity Number		
UNKNOWN PERSON	US								
E. Job Description/Title			F. Emp	loyed By	G. Supo	ervisor s Name			
3. Witness Data (Attach Witn	ess Summary S	Statements	to Report	·):					
A. Name (Last, First, M	.)					B. Age	C. Sex		
WOLLENBL		ITHER	A			30	F		
D. Job Description/Title				loyed By					
TECH LEAD S		JENTIST		BERG, INC					
4. General Information:									
A. Date of Accident	B. Time of A	ccident	C. Exac	et Location of Accident		Construction Equi			
(Month/Day/Year)	141		CHANA	ZINE PARCOL B	(Make, N	Model, Serial Nun	iber, Vin#)		
6/28/10	0900		SHORE	THE PARCEL D	1-/14				
E. Contract Number/Titi	e	F. Cor	struction	Activity SIC	G	Hazardous Materi	al Spill/Release		
N64273-09-D-260			NIA						
H. Type of Contract		I. Con	tractor's N	ame/Address/Phone Nur	nber				
Construction			(1) Prim	e Education in la	DISTRATION D.	SOURCES CRO	OP WE		
A/E			(1) 11111	e: ENGINEERING/RI	SUITE 200	6	(1100)		
Service RAC		SAN FILATUSCO, CA 94104 415-395-9974							
CLEAN			(2) Sub:	411-395-99	74				
JOC OTHER	_			-7-					
J. Safety Manager's Nam	ne Phon	ie#		K. Insurance Carrier					
RICHARD EPP		980 - 48	26	WA					
(1) Prime: \(\begin{align*} \begin{align*} \pi \pi \pi \\ \pi \end{align*} \text{(2) Sub:} \\ \pi \end{align*}				(1) Prime: (2) Sub:					

L. Work Activity	at Time of Accident
CLEARING	RUBBLE FROM SHEREINS
OF PARCE	ZB

M. Personal Protective Equipment?

(1) Available & Used

(2) Not Required

(3) Available & not used (4) Not Related to mishap

(5) Wrong PPE for job (6) List Type(s) used:

5.	Injury/Illne	ss/Fatality	Information:
----	--------------	-------------	--------------

A. Severity of Illness/Injury	B. Estimated Days Lost	C. Estimated Days Hospitalized	D. Estimated Da Restricted Du
E. List Body Part(s) Affected	F. Nature of Illness/Injury	G. Type and Source of Injury (1) Type;	//Illness (2) Source:

6. A. Accident Description (Describe in your own words) (Use additional paper if necessary)

NETHER MISS OCCURRED WHEN UNKNOWN PORSONS, TWO, APPORTED ON THE CONTINUENTON SITE EMETIGING FROM UNDER THE PIER AT THE SOUTHORN BOUNDARY OF PARCEL B. ERRY PORSONNEL INFORMED ONE PORTON ON SHORE , BY YOLLING THAT HE WAS IN AN ARMA WHERE HE DID LET BOLONG. HE TOOK OFF RUNWING ACRESS THE SHERDAND, EXITING AT THE END OF THE EXISTING FONCE ON THE LETCH SIDE OF PARCEL B. THE SCHOOL PORSON ROUND AROUND THE CONSTRUCTION SITE OUTSIDE OUR SILT FOULE UN A STYRAFORM PAFT.

NOTITION POLICY WAS INJURED, BUT THE PORISH WISHERD WAS IN CLOSE PREXIMITY TO EXCAVATING EQUIPMENT AND THUCKS.

- B. Who provided first aid and/or cleanup of mishap site?
- C. Any blood borne pathogen exposure by other than EMT's? If so who?
- D. Was site secured and witness interviews taken immediately? 405
- E. List OSHA and EM 385-1-1 standards/requirements that were violated?

SITE SEGNELLY

YES	NO
	×
	K
	X
	×
	7
	×
	YES

Environmental Factors - Did heat, cold, dust, sun, glare, etc., contribute to the accident?		
Chemical & Physical Agent Factors - Did exposure to chemical agents, such as dust, fumes, mists, vapors or physical agents such as noise, radiation, etc., contribute to the accident?		
ffice Factors - Did office setting such as lifting office furniture, carrying, stopping, etc., contribute to the cident?		
Support Factors - Were inappropriate tools/resources provided to properly perform the activity task?		
Personal Protective Equipment - Did the improper selection use, or maintenance of personal protective equipment contribute to the accident?		
Drugs/Alcohol - In your opinion, were drugs or alcohol a factor?		
Activity Hazard Analysis - Was the lack of an adequate (IAW EM 385-1-1 Sec 01.A.09) Activity Hazard Analysis a contributing factor? - Was it site specific and address the type of work/operations performed when the mishap occurred?		
Management - Did the lack of adequate supervision contribute to the accident? - Was inadequate information provided at pre-con meeting?		
8. Training:		
1. Was/were person(s) trained to perform activity/task?		
B. Type of training?		
C. Date of most recent formal training? // D. List topics discussed		
9. Fully Explain What Allowed or Caused The Accident, Include Direct and Indirect Causes:		
A. Direct Cause UNKHOWN PORTU(S) ACCORDED CONSTRUCTION ARTH FROM UNDER WORTH PIOR OF ON SOUTH SIDE AT SHOREZNE OF PARCOL B.	: онувоск	
B. Indirect Cause		
C. Action(s) taken to prevent re occurrences or provide on-going corrective actions. ADDITIONAL FLOWER UNIT BUT INSTITUTED ALONG SOUTH S'HORDING L'ESTAL OF C	00000	J 115-
The training hear sound states of the	ALL INVESTA	4/16,

10. OSHA		
A. Date OSHA was n	notified / / N/A	C. Date of OSHA Citation / /
B. Date OSHA Invest	tigated / /	D. \$ Amount of Penalties:
11. Report Preparer		
Print Name & Title of	Supervisor Completing Report	
RICHARD G	FPP, SHSO	
Signature: Rec	101	
Signature:	lat 9. Egg	Date (Mo/Da/Yr) 6/29/10
12. Management Rev	iew (Contracting Officer)	
A. Accepted	B. Amendments Required	C. Comments (include program improvements required for your Command. NAVFACHQ Construction Safety Program and EM 385-1-1)
D. Print Name & Title Signature:	of Official Completing Report	Date: (Mo/Da/Yr)
		Diffe. (MODE 11)
13. Safety And Occup	national Health Officer Review	
A. Concur	B. Non Concur	C. Additional Actions/Comments
Print Name & title of S	Safety Personnel Reviewing	
Signature;		Date (Mo/Da/Yr)
3.000.00		William William Life Cold

(1) Beginning (Mo/Da/Yr) / /

(2) Anticipated Completion Date (Mo/Da/Yr) /



Incident Report Form (IRF)

Type of Incident (Select at least one)							
☐ Injury/Illness ☐ Environmental/Permit Issue ☐ Restricted Duty	☐ Property Damage☑ Near Miss☐ Lost Time	☐ Spill/Release ☐ Recordable ☐ Other					
General Information (Complete for all	incident types)						
Preparer's Name: Richard Epp Date of Report: 6/29/10	Date of Incident: 6/29/10	Time of Incident: <u>08:15</u>					
Verbal Notification (Complete for all incident	lent types)						
ERRG PM/CM Notified: <u>John Sourial</u> am/pm	_	Date 6/29/10 Time 08:30					
Type of Activity (Provide activity being pe	erformed that resulted in the incident)						
□ Asbestos Work □ Confined Space Entry □ Construction Mgmt-Haz Waste □ Construction Mgmt – Non-Haz Waste □ Demolition □ Drilling Haz Waste □ Drilling-Non-Haz Waste □ Drum Handling □ Electrical Work Location of Incident (Select one) □ Company Premises: □ Field – Project/Site Name: Hunter's Project No.: □ 29-141 □ Location: Hunters Point Naval Shi		☐ Other (Specify) Unauthorized personnel within RAD- controlled-area ☐ Process Safety Management ☐ Tunneling ☐ Welding ☐ Wetlands Survey ☐ Working from Heights ☐ Working in Roadways ☐ WWTP Operation					
☐ In Transit – Traveling from :	ht] Snow Foggy	to: Windy					
Incident Investigation (Complete for a		<u> </u>					
Describe the Incident (Provide a brief describe unknown persons were under person emerged along the shoreline was verbally informed that he was Tetra Tech RAD personnel. At this north shoreline through the hole in outside our silt barrier, on a styrofo	cription of the incident and how it occur the pier at the Southeast edge of the within the RAD-controlled area in a construction area and was as as point, he ran across the site along the metal partition. The other per	the IR07 boundary shoreline. One and walked towards the north. He ked to leave by both ERRG and ag the shoreline and exited at the					
Task Location: IR07 shoreline							

Job/Task Assignment: N/A	
Specific Activity the employee was engaged in when the inc	ident occurred:
N/A	
Activity was a Routine /Task: Yes \(\subseteq \) No \(\subseteq \)	
All equipment, materials, or chemicals the employee w	vas using when the incident occurred:
N/A	
Equipment Malfunction: Yes \(\square\) No \(\square\)	
Root Causes and Contributing Factors (COMPLETE	ROOT CAUSE ANALYSIS FORM)
Insufficient fencing along shoreline to prevent access t	o the RAD-contaminated areas.
Describe how you may have prevented this event: By a sides of IR07.	adding fencing along the shoreline edges on north and south
Witnesses (Complete for all incident types):	
Witness Information (First Witness)	Information (Second Witness)
Name: Heather Wollenburg	· · · · · · · · · · · · · · · · · · ·
Employee Number (ERRG):	
Address:	
City:	
Zip Code:	Zip Code:
Phone: 925-522-9432	
Property Damaged: Damage Description: Estimated Amount: \$	Property Owner:
<u>Spill or Release</u> (Complete for Environmental/Permit Is	3.
Describe Environmental or Permit Issue:	
Permit Type:	
Powert Name and Number (e.g., discharge limit):	
Duration of Permit Exceedence:	
<u>Injury information</u> (Complete for Injury/Illness incidents	s only): None
If ERRG Employee injured $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	fultiple Injuries/Illnesses □ (Add in Additional Comments below))
Employee Name:	
	e Number: Marital Status:
Date of Hire:/ Occupation (Job Title):	
If ERRG Subcontractor employee injured	
	Company:
Subcontract Contract:	Phone number:

Injury Type			
Allergic Reaction	☐ Electric Shock		☐ Multiple (Specify)
Amputation	Foreign Body in e	eve	
☐ Asphyxia	Fracture	•	☐ Muscle Spasms
Bruise / Contusion / Abrasion	Freezing / Frost B	ite	Other (Specify)
Burn (Chemical)	Headache		
☐ Burn / Scald (Heat)	☐ Hearing Loss		☐ Poisoning (Systemic)
Cancer	☐ Heat Exhaustion		☐ Puncture
☐ Carpal Tunnel	☐ Hernia		☐ Radiation /Effects
Concussion	☐ Infection		Strain / Sprain
Cut / Laceration	☐ Irritation to eye		☐ Tendonitis
☐ Dermatitis	☐ Ligament Damage	e	☐ Wrist Pain
☐ Dislocation			
Dart of Pody Injured			
Part of Body Injured			
Abdomen	Hand(s)		☐ Neck
Ankle(s)	∐ Head		Nervous System
Arms (Multiple)	☐ Hip(s)		☐ Nose
Back	Kidney		Other (Specify)
Blood	☐ Knee(s)		
Body System	Legs(s)		Reproductive System
Buttocks	Liver		Shoulder(s)
Chest / Ribs	Lower (arms)		Throat
Ear(s)	Lower (legs)		Toe(s)
Elbow(s)	Lung		Upper Arm(s)
☐ Eye(s)	Mind		☐ Wrist(s)
☐ Face			
Finger(s)	☐ Multiple (Specify))	
Foot / Feet			
Nature of Injury			
Absorption	☐ Inhalation		Overexertion
☐ Bite / Sting / Scratch	Lifting		Repeated Motion / Pressure
☐ Cardio-Vascular / Respiratory	☐ Mental Stress		Rubbed / Abraded
System Failure	☐ Motor Vehicle Ac	cident	Shock
Caught in or Between	☐ Multiple (Specify		Struck Against
Fall (From Elevation)	☐ Slip or Trip	,	Struck By
Fall (Same Level)	Other (Specify)		☐ Work Place Violence
☐ Ingestion			
V. 11.101			
Initial Diagnosis / Treatment Date:			
Type of Treatment			
Admission to hospital / medical facility		Removal of foreign	n bodies
Application of bandages		Skin Removal	
Cold / Heat Compression / Multiple Treats	ment	_	Multiple Treatment
Cold / Heat Compression / One Treatment		Soaking Therapy –	
First Degree Burn Treatment		Stitched / Sutures	
Heat Therapy / Multiple Treatment		Tetanus	
☐ Multiple (Specify)		☐ Treatment for infec	etion
Heat Therapy / One Treatment			

☐ Non-Prescriptive medicine	☐ Use of Antiseptic – multiple treatment	
None	☐ Use of Antiseptic – single treatment	
☐ Observation	☐ Whirlpool bath therapy / multiple treatment	nt
Other (Specify)	Whirlpool therapy / single treatment	
☐ Prescription – Multiple dose	☐ X-rays negative	
☐ Prescription – Single dose	☐ X-rays positive / treatment of fracture	
☐ Physical Therapy		
Number of days doctor required employee	e to be off work:	
Number of days doctor restricted employe	e's work activity:	
	•	
Physician Information	Hospital Information	
Name:	Name:	
Address:		
City:		
	Zip Code:	
Phone:	_	
Reviewed By: <u>Heather Wollenburg</u>	Date: 6/29/10	
Approved By: Edward Grooman	Date: 6/30/10	



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: June 29, 2010	ERRG – CTO 0004

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on concrete and rock debris removed from the shoreline (ERRG-A-IR07-001 and ERRG-A-IR07-002). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete and rock pieces and submitted to the on-site laboratory for analysis.

Issues/Items Pending Action

None

	(ATTACH ADDITIONAL SHEETS IS NECESSARY)					/JUN/10 011	
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT	RA at IR-		NO Soil Hotspot Locations	at Parcels B,
TTIMOL		TORY PHASE WORK PREFORMED TODAY?	CONTINUE	D-1, and		s at Parcels D-1 and G,	HPS, SF
Υ		T AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	ST.	TES INC		
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index #
۱RA	03	Shoreline Excavation and Revetment					
EP⊿	04	Radiological Screening and Remediation					
PRI							
						_	
		IASE WORK PREFORMED TODAY? IT AND ATTACH SUPPLEMENTAL INITIAL PHASE C	CHECKLIST		YES NO		
_	Schedule	Definable Feature of Work	- I LONEIO II				Index #
INITIAL	Activity No.						indox ii
Z							
		ES WITH CONTRACT AS APPROVED DURING INIT ES WITH SAFETY REQUIREMENTS?	IAL PHASE?			YES ■ NO □ YES ■ NO □	
FOLLOW-UP	Schedule Activity No.	Description of Work, Testing Performed & By Whork Section, Location and List of Personnel Present	m, Definable Featu	re of Work, Specific	ation		
	01	Verified that activities performed conformed	to the mobilizat	ion checklist.			
	02	Removing large debris (concrete) from sho		· · · · · · · · · · · · · · · · · · ·	_		
		fabric, started deconstructing the existing rac	d screening pads	, verified that act	vities performed conform	ed to the site clearing and o	demolition checklist.
F01							
REWORK	ITEMS IDENTIFI	_ ED TODAY (NOT CORRECTED BY CLOSE OF BUSI	INESS)	REWORK ITEMS	CORRECTED TODAY (FRO	M REWORK ITEMS LIST)	
Sched Activity		on		Schedule Activity No.	Description		
REMARKS	S (Also Explain A	ny Follow-Up Phase Checklist Item From Above That	Was Answered "N()") Manuf Ren On	Site etc		
Sched Activity	ule Descripti		vuo vuo vuo	, Mariai. Rep Oil	one, etc.		
		certify that this report is complete and correct and					
complianc	e with the contract	and work performed during this reporting period is in drawings and specifications to the best of my knowledge		Elizabeth B	inning MANAGER AT SITE		6/29/10
except as	noted in this report	GOVERNMENT QUALITY ASSUR			DATE		DATE
QUALITY /	ASSURANCE RE	PRESENTATIVE'S REMARKS AND/OR EXCEPTION			DATE		
Sched Activity		on					
•							
4296/2 (9/9	98)		-	GOVERNMENT Q	JALITY ASSURANCE MANA	AGER SHEET 1 OF 1	DATE

PREPARATORY PHASE CHECKLIST			SPEC SECTION	25 24 40	29/JUN/10		
(CONTINUED ON SECOND PAGE) CONTRACT NO DEFINABLE FEATURE OF WORK			SCHEDULE ACT	, 35 31 19	INDEX#		
N62473-09-D-2608 Shoreline Excavation ar		and Revetment		03	INDEX#		
	GOVERNMENT R	REP 48 HOURS IN ADVANCE:		YES 🔳	NO 🗌		
5	NAME		POSITION		COMPANY/GOVI	ERNMENT	
PERSONNEL PRESENT	Elizabeth Binning	J	Quality Control Manager		ERRG		
Ě	John Sourial (by	phone)	Project Manager		ERRG		
<u> </u>	James Nores		Superintendent		ERRG		
ij	Richard Epp		SSHO		ERRG		
N	Shirley Ng		ROICC		Navy, ROICC SF	Bay	
RSC	Shanti Montgome	*	Project Manager - Radiological Servi	ces	TtEC	•	
PEI	Lara Urizar (by ph Michael Mentink (Remedial Project Manager Caretaker Site Office (CSO) - Field L	and	Navy, BRAC PM	0	
	Mel Asuncion (by	, , ,	CSO - Assistant Field Lead		Navy, HPS	Navy, HPS	
					Navy, HF3	V50	
		TALS AND/OR SUBMITTAL REGISTER. HAVE A				YES NO	
	IF NO, WHAT ITE	MS HAVE NOT BEEN SUBMITTED? SD-03, Pro	duct Data: Riprap (35 31 19 Coastal P	rotection, Sec 1.4.1) (riprap gradation)		
ဟ							
SUBMITTALS	ARE ALL MATER		YES NO				
	IF NO, WHAT ITE MISSING?	Filter stone is schedule so sta	art arriving on 6/30/10, riprap is schedule	ed to start arriving 7	7/6/10.		
B							
SU							
	CHECK APPROV	ED SUBMITTALS AGAINST DELIVERED MATER	RIAL. (THIS SHOULD BE DONE AS MA	ATERIAL ARRIVES	5.)		
	COMMENTS: Fil	ter geotextile rolls were checked against submittal	and PO to ensure that correct product v	was delivered.			
	ARE MATERIALS	STORED PROPERLY?	YES NO				
ا	IF NO, WHAT AC	IF NO, WHAT ACTION IS TAKEN?					
I A I							
TEF SR/							
MATERIAL STORAGE							
_ ~,							
	REVIEW EACH P	ARAGRAPH OF SPECIFICATIONS. See checklis	t attached to preparatory meeting agen	da for list of field re	quirements associa	ated with this DFOW.	
S							
SPECIFICATIONS	DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. Shoreline will be excavated to the grade shown on the design drawings in 15-foot sections. Geotextile will be rolled						
Ę	out onto the prepared base and filter stone will be placed from the toe up to the crest of the revetment. Riprap will be placed on top of the filter stone from the toe up to the crest as well.						
H H	A 100-foot test section will be prepared first and checked by the ROICC prior to continuation of the work. Survey checks will be made to ensure grades meet the requirements in the						
EC.	design drawings and specs. At least one (1) check survey as specified below shall be made for each twenty-five (25) foot section as shown as practicable after completion.						
SP	CLARIFY ANY DIFFERENCES. 100-foot test section will be completed from the toe to the fill line for ROICC approval. When sufficient excavated soil has been screened, the fill and						
	top portion of the revetment will be constructed in a second 100-foot test section for ROICC approval prior to construction of the upper portion of the revetment along the rest of the						
	shoreline.						
V	ENSURE PRELIM	IINARY WORK IS CORRECT AND PERMITS ARE	E ON FILE.				
N Y		CTION IS TAKEN? Have received preliminary ok		cisco for the encros	achment into their	property to remove the northwest fence	
λ S		or construction of the revetment in that area. No w					
R₹	aiong snoreline to	or construction of the revelinent in that area. No w	ork on the lende will occur until the sign	un is imailzeu.			
N ER							
PRELIMINARY WORK & PERMITS							
<u> </u>							
1	1						

	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM.	field tests are required for this DFOW.	
	WHEN REQUIRED? NA		
(D	WHERE REQUIRED? NA		
TESTING			
EST			
Ħ			
	REVIEW TESTING PLAN. NA		
	HAS TEST FACILITIES BEEN		
	APPROVED?		
	ACTIVITY CHATARRAN AND AND ARREST ARREST AND ARREST AND ARREST AND ARREST ARREST AND ARREST AND ARREST ARR		
	ACTIVITY HAZARD ANALYSIS APPROVED? YES		
≻	REVIEW APPLICABLE PORTION OF EM 385-1-1. See AHAs attached to p	reparatory meeting agenda for a list of hazards associated with this I	DFOW.
SAFETY			
SA			
(0	NAVY/ROICC COMMENTS DURING MEETING.	avertment to fill line and fill line to great of reverment) to facilitate revettment	ment installation
Ĕ	- Discussed splitting 100-foot demonstration section into 2 portions (toe of re- - Work is to start at 4 am on 6/12/10. Discussed taking ambient noise readi		
COMMENTS	during construction this week to gauge whether construction noise will be a		dare to noise readings at perimeter
∑ 0	during construction this week to gauge whether construction hoise will be a	nuisance to neighbors during on-hour construction.	
ž			
MEETING			
₹			
	OTHER ITEMS OR REMARKS:		
~	Other personnel present at the meeting:		
OTHER ITEMS OR REMARKS	Doug DeLong, CSO - Environmental Compliance Manager, Base Point of C	ontact, Navy, HPS	
MS	Adam Berry, Radiological Supervisor, TtEC		
AR II			
EN EN	TtEC archiologist will be onsite 7/1/10 to discuss with the crew items to water	ch out for during shoreline excavation. TtEC archological monitors wi	Il be onsite during construction at least
ᆂᄠ	2 hours a day.		
0			
	Eli	zabeth Binning	6/29/2010
		MANAGER	DATE

	PREP	ARATORY PHASE CH	ECKLIST	SPEC SECTION	۱A	29/JUN/10
CONTRACT NO	O	(CONTINUED ON SECOND PAGE) DEFINABLE FEATURE OF WORK		SCHEDULE ACT		INDEX#
N6247	3-09-D-2608	Radiological Screening	g and Remediation		04	
	GOVERNMENT R NOTIFIED	HEP 48 HOURS IN ADVANCE:		YES 🔳	NO 🗌	
È	NAME		POSITION		COMPANY/GOVE	ERNMENT
PERSONNEL PRESENT	Elizabeth Binning		Quality Control Manager		ERRG	
A Ä	John Sourial (by p	phone)	Project Manager		ERRG	
LP	James Nores		Superintendent		ERRG	
N N	Richard Epp		SSHO		ERRG	
N O	Shirley Ng Shanti Montgome		ROICC Project Manager - Radiological Servi	200	Navy, ROICC SF	Bay
RS	Lara Urizar (by ph	·	Remedial Project Manager	ces	Navy, BRAC PMC	<u> </u>
PE	Michael Mentink (Caretaker Site Office (CSO) - Field L	ead	Navy, HPS	
	Mel Asuncion (by		CSO - Assistant Field Lead		Navy, HPS	
	REVIEW SUBMIT	TALS AND/OR SUBMITTAL REGISTER. HAVE	E ALL SUBMITTALS BEEN APPROVED?	ı	, ,	YES NO
		MS HAVE NOT BEEN SUBMITTED? None				
	II 110, WIBA IIL	NOTIFICE TO BEEN GOSMITTES. NOTICE				
ဟု	ADE ALL MATERI	IALC ON HAND?	VEO			
SUBMITTALS	ARE ALL MATERI IF NO, WHAT ITE		YES NO			
₩	MISSING?					
JBN						
รเ						
		ED SUBMITTALS AGAINST DELIVERED MATE	ERIAL. (THIS SHOULD BE DONE AS MA	ATERIAL ARRIVES	S.)	
	COMMENTS: No	submittals are required for this DFOW.				
		STORED PROPERLY?	YES NO			
7 11	IF NO, WHAT ACT	TION IS TAKEN?				
MATERIAL STORAGE						
A P						
S ⊠						
	REVIEW EACH PA	ARAGRAPH OF SPECIFICATIONS. No specific	cations are associated with this DFOW.			
ဟ						
Ž		DURE FOR ACCOMPLISHING THE	ge concrete debris will be scanned on one	side and then fling	ned so that both side	es can be scanned prior to removal
ĬΤ	WORK.	vipes for analysis will be taken at the frequency or	-	•		•
SPECIFICATIONS		t leave the screening area. Rad impacted soil wi	·			
S	sediment does not	rieave the screening area. Rad impacted soil wi	ili be piaced in biris and disposed of offsite	e, clean son will be	reuseu orisite berie.	atti the crest of the revetinent.
) PE	CLARIFY ANY DIF	EEEDENCES				
0,	CLAINI I ANI DII	- LINENGES.				
¥		IINARY WORK IS CORRECT AND PERMITS A				
NO.	IF NOT, WHAT AC	CTION IS TAKEN? No permits are required for	this DFOW.			
Y ∨ ETS						
AR						
PRELIMINARY WORK & PERMITS						
<u> </u> ∞						
PRE						
_						

	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM.	No field tests are required for this DFOW.	
	WHEN REQUIRED? NA		
()	WHERE REQUIRED? NA		
TESTING			
ES.			
-			
	REVIEW TESTING PLAN. NA		
	HAS TEST FACILITIES BEEN NA APPROVED?		
	ACTIVITY HAZARD ANALYSIS APPROVED?	YES NO	
		ed to preparatory meeting agenda for a list of hazards associated with this	s DFOW.
<u> </u>			
SAFETY			
S)			
	NAVY/ROICC COMMENTS DURING MEETING.		
ည			
N			
¥			
COMMENTS			
S			
Ē			
MEETING			
_			
	OTHER ITEMS OR REMARKS:		
R	Other personnel present at the meeting:		
<u>8</u>	Doug DeLong, CSO - Environmental Compliance Manager, Base Poi Adam Berry, Radiological Supervisor, TtEC	nt of Contact, Navy, HPS	
OTHER ITEMS OR REMARKS	Adam Berry, Radiological Supervisor, TLEC		
EM/			
품 ಜ			
10			
		Elizabeth Binning	6/29/2010
		QC MANAGER	DATE

Mobilization

Date: Elizabeth Binning
Inspector: 6/29/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	Prep	X			Mobilized to the site 6/16/2010
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number(01 50 00 Temporary Facilities And Controls, Sec 1.5)?	Prep	X			Project sign installed 6/29/2010.
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	Prep	X			
Has a preconstruction inspection of the project site with the Contracting Officer been performed (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Prep	X			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	Initial	X			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	Initial	X			Existing conditions photos taken 6/15/2010
Are low-noise emission products utilized where possible (01 57 19.00 20 Temporary Environmental Controls, Sec 3.3)?	Initial	X			
Have garbage disposal containers been mobilized to the site and garbage removal been scheduled (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5.2)?	Initial	X			Refuse containers mobilized to the site 6/18/2010
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	Follow up	X			Existing gravel and asphalt berm protects shoreline. Additional protection measures will be installed prior to performing intrusive work at the site. Installed silt curtain on 6/21/2010 to protect bay from sediments potentially disturbed during revetment installation.
Has the project identification sign been installed within 15 days after the commencement of work at the location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	Follow up	X			Project sign installed 6/29/2010.
Is access prevented the public and other unauthorized personnel restricted from the area during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	Follow up	X			Temporary fence installed 6/15/2010. Repaired holes in fencing along NW permanent fence on 6/15/2010. Finished installing privacy screen on perimeter fences on 6/18/2010. Repaired fencing that was damaged due to wind on 6/18/2010.
Are appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	Follow up	X			Spill kits mobilized to the site 6/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Are oily or other hazardous substances prevented from entering the ground, drainage areas, wetlands or local bodies of water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up	X			
Are all temporary fuel oil or petroleum storage tanks surrounded with a temporary earthen berm of sufficient size and strength to contain the contents of the tanks in the event of leakage or spillage (01 57 19.00 20 Temporary Environmental Controls, Sec 3.1.1)?	Follow up			X	No storage tanks onsite
Are solid wastes picked up and placed in covered containers that are regularly emptied (01 57 19.00 20 Temporary Environmental Controls, Sec 3.5)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is dust being properly controlled at all times through use of dust suppressants and water (01 57 19.00 20 Temporary Environmental Controls, Sec 3.7)?	Follow up	X			
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/29/2010

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 6/29/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/29/2010



Photo 1: Site Clearing and Demo – Removing large concrete debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 29, 2010



Photo 2: Site Clearing and Demo – Removing large concrete debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 29, 2010





Photo 3: Site Clearing and Demo – Deconstructing existing radiological screening pad.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 29, 2010



Photo 4: Radiological Screening – Screening large concrete debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 29, 2010





Photo 5: Radiological Screening – Screening large concrete debris from shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 29, 2010



	CC		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 30/J	UN/1	0
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO	012	2
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.1	ames Nores		
AM WEATHER	0 0	Tremediation resources	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
C	clear, cool		Sunny, wi	<u> </u>		68		53
Schedule				DRMED TODAY	1			
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew continue v	vorking on demo of the existing r	rad screening pads- all removed	ERRG	1	Superintendent		10
	<u>'</u>	•	working on securing the section	ERRG	1	Construction Manager		5
	<u> </u>	ce on the north and west ends o		ERRG	1	Project Manager		0
	·	rge load of filter rock on site tod vey of the unloading area prior t	ay at dry dock #3, TT performed	ERRG ERRG	1	QC Manager Tech Lead		10
		n shuttling material to the ERRG	-	ERRG	1	H&S Officer		8
	bargo ana bogn	- ondaming material to the Errice	otootpiio aroa.	ERRG	1	QC Staff		8
				ERRG	4	Equipment Operators		31
				ERRG	4	Laborers		25
				ERRG	3	Truck Drivers		24
				Tetra Tech	3	Rad Techs		24
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		155
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	ORK	1448.5
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	■ NO	TOTAL WORK HOURS FROM	Л	
(If YES attach des		STE RELEASED INTO THE ENt and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		1603.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	oriefing, equipment inspections,	deploy ring buoys along shoreling	e and at Dry dock # 3, crev	v members requir	ed to don PDF's within 50' of the	e water	
EQUIDMENT A A	EDIAL DEGENE	D TODAY TO BE INCORPORA	TED IN IOD (NIDIOATE OOLIE	N. W. E. A. C. T. W. T. V. N. W. M. D. E. D.				
Schedule	I	1	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER;)			
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
		Harris Blade 735 Articulated	Dump Truck					
		2288.42 Filter Rock						
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	1	quipment Used Today (incl Make					Hours Used
Activity No.	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						0
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 3ea						24
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 3skids						72
	Harris Blade	Cat 322 Long Reach						0
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
	1		la.	mac Naraa		6/30/10	<u> </u>	
				mes Nores CONTRACTOR/SUPERIN	ITENDENT	DATE	<i>.</i>	

	CC		RODUCTION RI	EPORT		DATE 30/JUI	N/10
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,	ations at HPS, SF	REPORT NO 012	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores	
AM WEATHER		Tromodiation (toodardo	PM WEATHER			MAX TEMP (F)	MIN TEMP (F)
C	lear, cool		Sunny, w			68	53
Schedule				ORMED TODAY	1		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		WAS A JOB SAFETY MEETIN		☐ YES	П по	TOTAL WORK HOURS ON JOB SITE,	
JO SAFE	TV	(If YES attach copy of the meet	,	_		THIS DATE, INCL CON'T SHEET	
		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	☐ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	I WORK/ HAZMAT WORK DON! .)	E? NES	☐ NO	REPORT	_
WAS HAZARDOU	S MATERIAL/WA	STE RELEASED INTO THE EI t and proposed action.)	,	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	:D		SAFETY REQUIREMENTS	HAVE BEEN MET.
Activity IVO.							
Schedule Activity No.	Submittal #	D TODAY TO BE INCORPORA Description of Equipment/Ma	ATED IN JOB (INDICATE SCHEI terial Received	DULE ACTIVITY NUMBER)			
Activity No.							
CONSTRUCTION	AND PLANT FO	LIIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY I	NUMBER		
Schedule	Owner	1	quipment Used Today (incl Make				Hours Used
Activity No.			uquipment Osed Today (inclimate	e and woder)			
	ERRG Harris Blade	JD310 Backhoe Cat 735					8
	Harris Blade	2K Water Truck					4
	United Rentals	2K Water Truck					4
	Harris Blade	Cat LGP D-6 Bulldozer					8
	Harris Blade	Cat 735					0
Schedule Activity No.	REMARKS						
	•		دا	mes Nores		6/30/10	
			<u></u>	CONTRACTOR/SUPERIN	TENDENT	DATE	



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 6/3	30/10 TIME 07	D PROJECT NUMBER	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	IR-7 - DRYDOCK 3		
TYPE OF WORK		FILTER ROCK AT SLIP	#3
111 5-11 3-111	And Fair , which	FILTRE MACK BY SCIT	
	The section	UNIO IN INVINIO	
SAFETY TOPICS	SAFETY TO	PICS PRESENTED	
PROTECTIVE CLOTHIN	G/EQUIPMENT Hardh	at, safety glasses w/side shields,	reflective safety vest, shirt with sleeves,
	steel-toed work boots. Gloves and		
CHEMICAL HAZARDS	Potential for low level radiation	1	
PHYSICAL HAZARDS			a salara salaran
PHISICAL HAZARDS	UNITED SURFACES	, SLIMENY RUETSICO	3 11314 001643
EMERGENCY PROCEDU	JRES Employee to repor	t any injury to Supervisor; Super	visor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHON		
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc		
SPECIAL EQUIPMENT	5555 CCSSI CHAPCE, SAIT FAIRCISC	None	
SPECIAL EQUIPMENT	·	None	
NOTE:			
DANE BRUITER	-	ATTENDEES	CYCLUS TO THE
NAME PRINTED	Rocu	COMPANY ECOLOGIC	SIGNATURE Open
Heathor Wil		FROE	Dan
ENRIQUE MARTI		ERR6	The Tiers
Ken Hayle		FIRE	1 5-19tyl
JAMES Nore	95	ERRE	· Comella
/ICENTEVALER	CIA EK	2R5 -	Decut Milegin -
LISA Browspard	0	UT	Sun Brand,
Viljamu Lain		KG -	1000 CC
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Health & Safety Officer	DICK TP	SUPERINTE	NDENT SAMES MAN
SIGNATURE	MA P	SIGNATURE	Charle Cotto
JIGINATURE .	My May 1		Ann Co



TAILGATE SAFETY MEETING

	ATTENDEES	
NAME PRINTED 7 PENCER Johnson	COMPANY	SIGNATURE
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DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the	Navy
RG _{Day} :	WODNOSDAY	Date:	6/30/10	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141	
Neather:	CLEAR & WINDY	Page:	_ /	of
Site Visitors:	See Tailgate Sign In Log.			
Description of Field A	Activities:			
TAILGHE	SAFETY MTG - WATERSAFETY, TRAFFIC	-NOW FLOW	C PATIONENS	UNNOTHORIZO
PEOPLE	ON SITE UNEVEN SUPERCES			
ROYWING	, OLD RAD ANDS IN 12-07			
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	A S WINNESS LIVE LOVE LOW JOHN	70	700000/	7.60.40.764
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	The state of the s		6/30/	

AIR MONITORING LOG SHEET

of

Prepared by: Project Name: Dac cor

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 6/30/10@ 0645

Client:

UENMY

Project No.:

Page:

29-141

Standard Used:

Ain Bag

Location	Date	Time	cave. In	strument 724A DataRAM	Comments
#1 1R-07	6/90/10	0721	0.043	0.042	16971
#2 "	1	0727	0.028	0.040	10972
# 3 541143		0744	0.041	0.045	10973
#3 W		0526	0045	0.094	10973
#1		0839	0 031	0.138	10971
#2_		0844	0.022	0.020	10972
#3		0934	0.133	0.046	10973
±3		0956	0,029	0.049	10973
#1		1012	0,030	0.037	10971
H2-		1021	0.016	0016	10972
#3		1058	0,045	0.052	10973
姓(1132	0.029	01033	10971
42		1136	0.016	0015	10972
#2		1244	0.019	0,014	10972
#1		1252	0.032	01672	16971
#3		1305	0.033	0,050	10973
#3		1350	0.035	0.050	10973
#3		1418	0.035	0,000	10973
#1		1432	0.027	0.026	10871 Repl. BATT
#2		1437	0.015	0.014	10972
#2		1512	0.013	0.014	10972
#1		1519	0.025	0.029	10971
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DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Senior RCT provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site
 activities. Radiological air monitors were deployed prior to performing any invasive or
 dust generating activities at both upwind and downwind locations. RCA postings were
 routinely checked.
- RTCs performed a gamma survey of the Dry Dock 3 filter rock staging area (see below).
- Provided radiological support of debris removal activities along the shoreline. The
 removed debris was segregated into like materials and placed in the debris screening area.
 The RCT evaluated the debris for subsequent radiological screening, or determined if
 debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in
 LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on concrete and rock debris removed from the shoreline (ERRG-A-IR07-003 and ERRG-A-IR07-004). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete and rock pieces and submitted to the on-site laboratory for analysis. The RCTs completed surveying the top and sides of the debris on the first screening pad. The pieces will be flipped for additional surveying and swipe samples starting 7/1/10.
- EMS collected one waste characterization sample from bin #BKRU 012993 G9. (Note: EMS collected one waste characterization sample from bin #BKRU 012774 G3 on 6/25/10.)

Daily Status Report Page 2 of 2

Issues/Items Pending Action

• ERRG's filter rock supplier began offloading filter rock from barge prior to ground surface undergoing gamma scan to confirm that radiation levels did not exceed background levels. ERRG promptly halted the operation and the material was temporarily placed into a plastic lined dump truck until completion of the surface scan. The surface scan indicated radiation levels within background levels. The filter rock material was transferred to project stockpile location for later use in revetment construction. Action complete.

		(CONTRACTOR QUALITY			RT		DATE REPORT	30/	/JUN/10	
BUAGE	0011774	07.110	(ATTACH ADDITIONAL SHEET	CONTRACT T	PA at IP-	07 & -18 at Parcel B;	Soil H	NO otspot L	ocations	012 at Parcels B,	
PHASE			N62473-09-D-2608	CONTRACT		G; and Soil Stockpiles	at Pa				
≿			RY PHASE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL PREPARATORY PH	HASE CHECKLIS	īT.	YES NO					
PREPARATORY	Sche	Definable Feature of Work									
RAI	Activit										
PA											
PRE											
			SE WORK PREFORMED TODAY?			YES NO					
	IF YES, F		AND ATTACH SUPPLEMENTAL INITIAL PHASE CH	ECKLIST.							
INITIAL	Activit		Definable Feature of Work							Index #	
¥											
_											
	WORK C	OMPLIES	WITH CONTRACT AS APPROVED DURING INITIAL	L PHASE?			YES		NO 🗌		
	WORK C	OMPLIES	WITH SAFETY REQUIREMENTS?				YES		NO 🗌		
	Sche Activit		Description of Work, Testing Performed & By Whom, Section, Location and List of Personnel Present	Definable Featur	e of Work, Specifica	ation					
	0	1	Mobilization DFOW was completed on 6/29/1	0.							
굡	0:		Continued deconstructing the existing rad scr			· · · · · · · · · · · · · · · · · · ·					
FOLLOW-UP	0:	3	Offloaded filter rock from barge and stockpiled and revetment checklist.	l in materials sto	ockpiling area, ve	erified that activities perfo	rmed co	onformed	to the sho	reline excavation	
9	0-	4	Rad screening of large concrete debris from s	shoreline							
F0.			Trad coroning or large control of desire from the	5110101110.							
REWORK	ITEMS IDI	ENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSINI	ESS)	REWORK ITEMS	CORRECTED TODAY (FRO	M REW	ORK ITEM	S LIST)		
Sched Activity		escription			Schedule Activity No.	Description					
					•						
REMARK: Sched	ا مانا		Follow-Up Phase Checklist Item From Above That Wa	as Answered "NO	"), Manuf. Rep On-	Site, etc.					
Activity	No.	escription			المالمة ما ما ما	itional tamanaran, fana	م مامه	امدمامد		who agat moution of	
03			d the fence on the northwest portion of the eline to prevent unauthorized persons from			illonal temporary tenc	e along	g snorell	ne on no	rineast portion of	
03, (k was offloaded prior to rad clearing offload			ns were halted, rock that	ıt was ı	unloaded	prior to r	ad screening was	
	r	emoved	from the area in lined trucks and stockpile	d in a separate	ed area pendino	g results of the rad scre	en. A	fter all ro	ck was re	moved, the barge	
	C	offloadin	g area was screened and determined to be	e clean. After	rad screening	was completed, filter ro	ock offl	oading c	ommence	ed.	
equipmen compliance	t and mater	ial used and contract dra	rtify that this report is complete and correct and d work performed during this reporting period is in awings and specifications to the best of my knowledge	_	Elizabeth B	inning MANAGER AT SITE				6/30/10 DATE	
			GOVERNMENT QUALITY ASSURA	NCE REPOR	Т	DATE					
		ICE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTIONS	TO THE REPOR	Т						
Sched Activity		escription									
4296/2 (9/9	98)			(GOVERNMENT QU	JALITY ASSURANCE MANA	GER HEET 1	OF 1		DATE	

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 6/30/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/30/2010

Shoreline Excavation and Revetment

6/30/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

		ſ	Ī	ſ	
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery	D	3 7			
to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of	Duan	X			
the riprap, stone, or filter stone?	Prep	Λ			
Has the geotextile been checked for defects, rips, holes, flaws,					
deterioration or damage incurred during manufacture, transportation or	Initial	X			Geotextile checked upon delivery on
storage prior to installation?					6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a	Initial	X			
minimum thickness of at least 6 inches?	Illitiai	Λ			
Is the stockpile a maximum of 12 feet high and formed by a series of					Filter rock stockpile in offloading area
layers of truckload dumps, where the rock essentially remains where it	Initial				and stockpiling area meets these
is placed?					requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	T:4:-1				Filter rock stockpile in offloading area
is the first layer of the stockpile a maximum of 6 feet high?	Initial				and stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the					Filter rock stockpile in offloading area
edge of the previous layer so that the rock will not roll down the edges	Initial				and stockpiling area meets these
of the previous layers.					requirements.
1 3					
TT 4 4 1 1 4 11 11 1 4 1 11 14 14 14 14 14					
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand	Follow				
fill and then compacted to a density equal to the adjacent in place					
material?	up				
Have subaqueous areas on which filter materials and riprap are to be					
placed graded and/or dressed to conform to cross sections shown on the	Follow				
contract drawings within an allowable tolerance of the specified slope	up				
line and grades?					
Have surfaces on which the geotextile will be placed been prepared to a	Follow				
relatively smooth surface condition free from obstruction, debris,	up				
depressions, erosion feature, or vegetation? Have surface irregularities been removed so as to ensure continuous,	Follow				
intimate contact of the geotextile with all the surface.	up				
Has loose, soft, or low density pockets of material been removed;	1				
erosion features such as rills, gullies etc. shall be graded out of the	Follow				
surface before geotextile placement.	up				
Are tolerances of the slope lines and grades of the prepared base as	Follow				
shown on the contract drawings?	up				
Has the prepared base shall be approved by the Contracting Officer?	Follow				
	up			-	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	l .				
	up Follow			1	
of revetment materials through use of pins, staples, sand bags, or stone?	up				
	Follow			1	
geotextile along the line passing through midpoints of the overlap	up				
Have the securing pins been removed as placement of revetment	Follow				
materials are placed to prevent tearing of geotextile or enlarging holes?	up			L	
	Follow				
placement of riprap or other materials?	up				

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from	Follow				
contamination by surface runoff?	up				
Has any geotextile damaged during its installation or during placement	Follow				
of bedding materials or riprap been replaced?	up				
Has the geotextile been placed with the long dimension perpendicular to	Follow				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	up				
or creases?					
Have the strips been placed to provide a minimum width of 24 inches of					
overlap for each joint of the demarcation geotextile? Has the geotextile been covered with a layer of the filter rock within 7	up Eallarr				
calendar days after placement of the geotextile?	Follow				
Have terminal ends of the geotextile been anchored in as shown on the	up Follow				
design drawings?	up				
Has equipment been prevented from tracking across the unprotected	Follow				
geotextile?	up				
Has the geotextile been placed on the prepared base in accordance with					
the details shown on the contract Drawings, and within the limits either	Follow				
shown on the contract drawings or staked in the field?	up				
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up				
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer					
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				
slope and the amount does not exceed 200 tons unless otherwise	up				
approved?					
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				
or riprap as a result of stockpiling been removed prior to placement?	up				
Has filter material been spread uniformly on the geotextile to the slope	Follow				
lines and grades as indicated on the contract drawings and in such	up				
manner as to avoid damage to the geotextile?	_				
Has placement of the filter rock and riprap begun at the bottom of the area to be covered and continue up slope?	Follow				
	up				
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous	Follow				
mass?	up				
Has riprap been placed in such manner as to produce a well graded	Follow				
mass of rock with the minimum practicable percentage of voids?	up				
Has equipment been restricted from operating directly on the completed					
stone protection system?	up				
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				
which the least dimension is not less than one-third the length?	up				
Does the riprap along the lower edge of an area consist of the largest	Follow				
stones set in a trench so as to form a band?	up				
Except for spalls used to fill voids between larger stone, have stone					
been used in the exposed face of the riprap which will extend more than	Follow				
one-half the thickness of the riprap?	up			<u> </u>	
Has the riprap been placed in one layer?	Follow up				
Have spaces between the larger stones been filled with spalls and	Follow				
smaller stones of the largest feasible size to form a compact mass?	up	L	L	L	
	Follow				
stones and clusters of larger stones?	up	<u> </u>			
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual		X			
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	6/30/2010



Photo 1: Shoreline Revetment - Import of filter rock by barge. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 30, 2010



Photo 2: Shoreline Revetment - Offloading of filter rock on barge for transport to materials stockpile area.

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 30, 2010





Photo 3: Shoreline Revetment – Offloading of filter rock on barge for transport to materials stockpile area.

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 30, 2010



Photo 4: Shoreline Revetment – Installation of temporary channel crossing near barge offloading area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 30, 2010





Photo 5: Shoreline Revetment – Installation of additional temporary fence panels along northwest shoreline to block holes in existing metal fence.

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: June 30, 2010



Photo 6: Shoreline Revetment – Installation of additional temporary fencing along northeast shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: June 30, 2010



	CO	DATE 1/JUN/10				
	09-D-2608	(ATTACH ADDITIONAL SHEETS IF NECESSARY) TITLE AND LOCATION RA at IR-07 & -18 at Parce Parcels B, D-1, and G; and Soil Stockpiles a	ations at HPS, SF	REPORT NO	013	
CONTRACTOR	Engineering	/Remediation Resources Group, Inc.	SUPERINTENDENT	J	ames Nores	
AM WEATHER C	Clear, cool	PM WEATHER Sunny, W		MAX TEMP (F) 68	MIN TEMP (F) 53	
		WORK PERF	ORMED TODAY			
Schedule Activity No.		WORK LOCATION AND DESCRIPTION	NUMBER	TRADE	HRS	
02,03,04	Crew finished sh	nuttling the remainder of the filter rock from dry dock # 3 to the	ERRG	1	Superintendent	10
	ERRG stockpile	area. Crew working on finishing the perimeter fence extension	ERRG	1	Construction Manager	0
	on the west side	of the shoreline. Crew continue working on the demo of the	ERRG	1	Project Manager	8
		g pads. All removed plastic and filter fabric from the rad pads	ERRG	1	QC Manager	10
		nto the LLRW bin. Site visit from Navy with regulators today at	ERRG	1	Tech Lead	10
	1200-1320 stopp	ped activity during their site walk.	ERRG	1	H&S Officer	8
			ERRG ERRG	1 4	QC Staff	8 31
			ERRG	4	Equipment Operators Laborers	21
			ERRG	3	Truck Drivers	20
			Tetra Tech	3	Rad Techs	24
		WAS A JOB SAFETY MEETING HELD THIS DATE?	YES	□ NO	TOTAL WORK HOURS ON JO	В
JO SAFE	TV	(If YES attach copy of the meeting minutes) WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	123		THIS DATE, INCL CON'T SHEE	
MAS CRANE/MAN		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report) IG/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE	YES	■ NO	CUMULATIVE TOTAL OF WOF HOURS FROM PREVIOUS REPORT	1603.5
(If YES attach state	ement or checklis	t showing inspection performed.)	YES	■ NO	TOTAL WORK HOURS FROM	4750.5
		STE RELEASED INTO THE ENVIRONMENT? t and proposed action.)	YES	■ NO	START OF CONSTRUCTION	1753.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTE	D		■ SAFETY REQUIREMEN	TS HAVE BEEN MET.
02,03,04	Tailgate safety b	oriefing, equipment inspections, deploy ring buoys along shorelin	e and at Dry dock # 3, crew	members requir	ed to don PDF's within 50' of the	water
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEI	DULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Material Received				
		+				
CONSTRUCTION	AND PLANT EQI	L JIPMENT ON JOB SITE TODAY. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY I	NUMBER.		
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make	e and Model)			Hours Used
, 1101	Harris Blade	4K water truck				8
	ERRG	JD 200CLC Excavator				4
	Harris Blade	Cat 950 Loader				4
	United Rentals	25 KW Generators- 3ea				24
	Rental Solutions	25KW Generator-1ea				12
	SCS Tracer	Air Monitoring Skids- 3skids				72
	Harris Blade	Cat 322 Long Reach				0
	United Rentals	Takehuchi skidsteer loader				7
Schedule Activity No.	REMARKS					
		Ja	mes Nores		7/1/10	
			CONTRACTOR/SUPERIN	TENDENT	DATE	

4296/2 (9/98) SHEET 1 OF 1

	CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						JN/10)
	'3-09-D-2608 Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF					REPORT NO 013	3 C	ont.
CONTRACTOR	Engineering	Remediation Resources	s Group, Inc.	SUPERINTENDENT	J	ames Nores		
AM WEATHER			MAX TEMP (F)	MI	N TEMP (F)			
	clear, cool		Sunny, wi	DRMED TODAY		68		53
Schedule		NUMBER	TRADE		HRS			
Activity No.		WORK LOCATION AND DE	0011111111	EMPLOYER	NOMBER	110.02		TINO
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	□ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	RK	
		G/SCAFFOLD/HV ELEC/HIGH showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	□ NO	REPORT		
		STE RELEASED INTO THE EN	IVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	ı	
Schedule Activity No.	LIST SAFETY AG	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMEN	ITS HA	VE BEEN MET.
Activity No.								
Schedule	ERIAL RECEIVE Submittal #	D TODAY TO BE INCORPORA Description of Equipment/Mat	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER)				
Activity No.	oubmiller ii	2000.граот от 24агриготатиа						
CONSTRUCTION	AND DI ANT EOI	IIDMENT ON TOP SITE TODAY	Y. INDICATE HOURS USED AN	ID SCHEDI II E ACTIVITY N	IIIMDED			
Schedule	İ	I			IOMBLIV.		ı	l
Activity No.	Owner	·	quipment Used Today (incl Make	and Model)				Hours Used
	ERRG	JD310 Backhoe						8
	Harris Blade Harris Blade	Cat 735 2K Water Truck						4
	United Rentals	2K Water Truck						4
	Harris Blade	Cat LGP D-6 Bulldozer						8
	Harris Blade	Cat 735						4
Schedule	REMARKS							
Activity No.	TEWAI INO							
			lar	mes Nores		7/1/10		
				CONTRACTOR/SUPERINT	ENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2	2608
DATE 7/1/10	TIME 676	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07 , SLIP +	+3 TO SITE		
TYPE OF WORK			From SUN#3 since	KPII To
	SITE STECKPILE.	, , ,		
	SAFETY TO	OPICS PRESENTED		
SAFETY TOPICS	EQUIPMENT, TURFIC	, UNIVOU SUMFACES, S	STHE, ARCHIOLOGY, P	AD
PROTECTIVE CLOTHING			s, reflective safety vest, shirt wit	
long pants, ste	el-toed work boots. Gloves and	PFD (personal flotation device)	as necessary.	
-				
CHEMICAL HAZARDS	Potential for low level radiation	1		
PHYSICAL HAZARDS				
EMERGENCY PROCEDUR	ES Employee to repor	t any injury to Supervisor; Supe	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHOI	NE 911/ 415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc	o, CA 941124		
SPECIAL EQUIPMENT		None		
NOTE:				
				
		ATTENDEES		
NAME PRINTED	9	COMPANY	SIGNATURE	
Ken Havk		FFC	KM9.2	
TERNANDO LOZA		CCLC.	Oscar Born	
Proberto Har	11 PM	= 1126	That Inch	ver
EDRIQUE HARTI		EKRI	Esto O Nave	
Holder Rocca	1 26	dettee.	- Change	
Think Mitico		TEE	Ship Oly	
KAKISA MILIER		O ENVIREN	Bollid De	
trin King		+	27	
J. Comminghan		wt	Jaxu II	
Bomis Postillo		JUT	Bay Takell CC	_
LISA Browsan		Twi	1 3	
Spinger Johnson		-R-R (2)	Fer May	
Healher Wollen Blo		FRE	- ON Ti	
DAUZD HASAG		RRG	Dan Hone	
JOHN SOURIAL	_ 61	RRG		
Health & Safety Officer	DICK LOTT	SUPERINT	ENDENT NAMES	Norrs
SIGNATURE	mr	SIGNATUR	F Januard 1	Paris
J.GITAT UNL	1" 10/10		10.	- Cur



TAILGATE SAFETY MEETING

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the N	lavy
RGDay:	THENDAY	Date: Project No.:	7/1/10	
Project Name; Weather:	Ame: HPS Remediation Sites 7-18 Parcel B, Hotspots Project N Coope, Wildey Page:	Project No.:	29-141	of
Site Visitors:	See Tailgate Sign in Log.	_ rage.		01
Description of Field A				
	CONTACT UP OPERATORS, AUCHIOLOGIST			
Romovin	ig RAD PADS			
HOULING	FILTOR POCK FROM UNLEADING AS	2014 70 5	rockfild (@ 5/78
TURNING	OVER RUBBLE ON PAOS TO ALSH	ד דטווא	TOCH SEA	in rig
CHARLE	on ALL PIRE EXTLUSIVENCE ON ST	T & W 69	VIENNY.	
	US & PORTHBLE PARTICULATE METERIN			y sampling
	E BUS PILE SHOKE COVERED THE C	WALL STIE	PEMODICA	LLY BETWAN
16714	TOTAL SCONNING RUBBLE ROMAND FROM	1 SHOREZA	V6.	
	GULLDOTTOR, CKIDSTEER, EXCOUNTER		, 500 00	400R,
Signed:	"VErro	Date:	2/1/10	

AIR MONITORING LOG SHEET

ERRG

Prepared by:

Project Name:

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 07/61/10 (007)

Client:

29-141

Project No.:

Page:

Standard Used: A1K 1215

Location	Date	Time	ewe Ir	nstrument האלי DataRAM	Comments		
# /	07/01/10	0800	0.036	0.636	10971		
# 3	1 /	0740	0.846	0.046	10973		
# 2		0807	0.030	0,033	10972		
# 1		0838	0.027	0.003	10971		
# 3		0844	0.031	0.025	10973		
#2		0903	0,029	0.031	10972		
¥1		0936	0.021	0.027	10971		
#3		0941	0.021	0.022	10973		
£2		1030	0.026	0.032	10972		
# [1036	0,016	0.025	10971		
F3		1041	1.019	0,021	10973		
		1123	0.057	6.033	10972 MINETO		
+ 2 +1		1130	6,621	0.024	10971		
44		132	0.028	01033	10972		
#3		1134	0.017	0.000	10973		
TURNOD OFF	ALL 190	ces e 1	2 25 -FIR	I SMOKE AL	PROSS SITE		
41		1339	0.019	0.019	10971		
F4	1	1342	0.032	0.035	10972		
≠3	V	1346	0.00	0.675	10973		
#1		1433	0.030	0.018	10971		
44		1435	6,033	0.029	10972		
AB		1942	0,019	0,018	10973		
#3		1417	0.025	0.018	10973		
#3 #4		1421	0.032	0.029	10972		
41		1425	-	_	1097/ piti. Dim		
řII.		1425			16971 pill. Di		
1-1807 @ MAIN 2-521P #3 TRA				T OF CLASSON	APAN		



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 1, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities at the site. The removed
 debris was segregated into like materials and placed in the debris screening area. The
 RCT evaluated the debris for subsequent radiological screening, or determined if debris
 could be beneficially reused by ERRG in the shoreline revetment, or was placed in
 LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete debris removed from the shoreline (ERRG-A-IR07-005, ERRG-A-IR07-006, and ERRG-A-IR07-007). A total of 108 pieces (flip side of the previously surveyed pieces) were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.

Issues/Items Pending Action

None.

		С	ONTRACTOR QUALITY (ATTACH ADDITIONAL SHEE			RT	REPORT	JUL/10 013				
PHASE	CONTRACT	NO NA	62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parcel B; Soil H	lotspot Locations	at Parcels B,				
			Y PHASE WORK PREFORMED TODAY?		D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF				
RY		, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.										
PREPARATORY	Schedule Activity No		efinable Feature of Work					Index#				
AR/												
(EP.												
P												
	WAS INITIAL	PHASE	WORK PREFORMED TODAY?			YES NO						
			ID ATTACH SUPPLEMENTAL INITIAL PHASE CI	HECKLIST.				_				
AL	Schedule Activity No		efinable Feature of Work					Index #				
INITIAL												
=		-										
	WORK COMP	PLIES W	ITH CONTRACT AS APPROVED DURING INITIA	AL PHASE?		YES	■ NO □					
	WORK COMP	PLIES W	ITH SAFETY REQUIREMENTS?			YES	■ NO □					
	Schedule Activity No		escription of Work, Testing Performed & By Whom ection, Location and List of Personnel Present	ո, Definable Featur	e of Work, Specifica	ation						
	02	С	continued deconstructing the existing rad so	creening pads, v	erified that activit	ties performed conformed to the	e site clearing and de	molition checklist.				
P	03	_	erified that activities performed conformed		excavation and r	revetment checklist.						
FOLLOW-UP	04	R	ad screening of large concrete debris from	shoreline.								
LLC												
Ю												
		-										
REWORK Sched	ا ماييا		ODAY (NOT CORRECTED BY CLOSE OF BUSIN	NESS)	REWORK ITEMS (CORRECTED TODAY (FROM REW	ORK ITEMS LIST)					
Activity		iption			Activity No.	Description						
REMARKS	S (Also Explain	Any Fo	illow-Up Phase Checklist Item From Above That V	Vas Answered "NC)"), Manuf. Rep On-	Site, etc.						
Sched Activity		iption										
			ring stations were turned off and samp					across the street				
	from	the si	te. Installed new sample media and turr	ned air monitor	ing stations bac	ck on at approximately 14:00						
	Reg	ulators	s onsite									
			by that this report is complete and correct and correct and correct of the correc		Er alada B		-	7/4 /4 0				
complianc		act drawi	ings and specifications to the best of my knowledge		Elizabeth Bi	INNING MANAGER AT SITE		7/1/10 DATE				
			GOVERNMENT QUALITY ASSURA	NCE REPOR	Т	DATE						
QUALITY / Sched	_	REPRES	SENTATIVE'S REMARKS AND/OR EXCEPTIONS	S TO THE REPOR	T.							
Activity		iption										
				-	COVEDNMENT OF	IALITY ASSLIDANCE MANAGED		DATE				
4296/2 (9/9	98)			(OUVERNIVIENT QU	JALITY ASSURANCE MANAGER SHEET	1 OF 1	DATE				

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 7/1/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/1/2010

Shoreline Excavation and Revetment

7/1/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				
Has the prepared base shall be approved by the Contracting Officer?	Follow up				
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	up				
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow				
materials are placed to prevent tearing of geotextile or enlarging holes?	up Follow up				

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from	Follow				
contamination by surface runoff?	up				
Has any geotextile damaged during its installation or during placement	Follow				
of bedding materials or riprap been replaced?	up				
Has the geotextile been placed with the long dimension perpendicular to	Follow				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	up				
or creases?					
Have the strips been placed to provide a minimum width of 24 inches of					
overlap for each joint of the demarcation geotextile? Has the geotextile been covered with a layer of the filter rock within 7	up Eallarr				
calendar days after placement of the geotextile?	Follow				
Have terminal ends of the geotextile been anchored in as shown on the	up Follow				
design drawings?	up				
Has equipment been prevented from tracking across the unprotected	Follow				
geotextile?	up				
Has the geotextile been placed on the prepared base in accordance with					
the details shown on the contract Drawings, and within the limits either	Follow				
shown on the contract drawings or staked in the field?	up				
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up				
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer					
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				
slope and the amount does not exceed 200 tons unless otherwise	up				
approved?					
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				
or riprap as a result of stockpiling been removed prior to placement?	up				
Has filter material been spread uniformly on the geotextile to the slope	Follow				
lines and grades as indicated on the contract drawings and in such	up				
manner as to avoid damage to the geotextile?	_				
Has placement of the filter rock and riprap begun at the bottom of the area to be covered and continue up slope?	Follow				
	up				
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous	Follow				
mass?	up				
Has riprap been placed in such manner as to produce a well graded	Follow				
mass of rock with the minimum practicable percentage of voids?	up				
Has equipment been restricted from operating directly on the completed					
stone protection system?	up				
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				
which the least dimension is not less than one-third the length?	up				
Does the riprap along the lower edge of an area consist of the largest	Follow				
stones set in a trench so as to form a band?	up				
Except for spalls used to fill voids between larger stone, have stone					
been used in the exposed face of the riprap which will extend more than	Follow				
one-half the thickness of the riprap?	up			<u> </u>	
Has the riprap been placed in one layer?	Follow up				
Have spaces between the larger stones been filled with spalls and	Follow				
smaller stones of the largest feasible size to form a compact mass?	up	L	L	L	
	Follow				
stones and clusters of larger stones?	up	<u> </u>			
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual		X			
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/1/2010



Photo 1: Radiological Screening – Flipping large concrete debris in preparation of scanning on other side.

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 2: Site Clearing and Demo – Deconstruction of existing rad screening pads. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 1, 2010

Date: July 1, 2010





Photo 3: Site Clearing and Demo - Stockpiling of clean fill material from existing rad screening pads.

Photographed by: Spencer Johnson (ERRG, Inc.)



Photo 4: Site Clearing and Demo - Removal of plastic sheeting from existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 1, 2010





Photo 5: Site Clearing and Demo – Disposal of plastic sheeting from existing rad screening pads.

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 1, 2010

	CC		RODUCTION RE	PORT		DATE 2/JU	JL/10)
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	014	1
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	Ji	ames Nores		
AM WEATHER		Tromodiation (toodards)	PM WEATHER	ander and lat		MAX TEMP (F)	MI	N TEMP (F)
C	clear, cool		Sunny, wi			70		53
Schedule				ORMED TODAY				
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04		vorking on the demo of the old ra		ERRG	1	Superintendent		10
		nd sand bag debris- all debris pl	•	ERRG	1	Construction Manager		4
	loose.	ne privacy netting on the west pe	Frimeter fence that had come	ERRG ERRG	1	Project Manager QC Manager		10
	loose.			ERRG	1	Tech Lead		10
				ERRG	1	H&S Officer		8
				ERRG	1	QC Staff		8
				ERRG	5	Equipment Operators		36
				ERRG	4	Laborers		14
				ERRG	2	Truck Drivers		14
				Tetra Tech	3	Rad Techs	20	24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		142
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	RK	1735.5
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	I WORK/ HAZMAT WORK DONE .)	YES	■ NO	TOTAL WORK HOURS FROM	1	
(If YES attach des		ASTE RELEASED INTO THE EN it and proposed action.)	VVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		1877.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED	D		■ SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	oriefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r			
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER))			
Schedule Activity No.	Submittal #	Description of Equipment/Mat						
		Harris Blade Hyundai long re		-9	-1			
		2 end dump loads of Genera	al Fill material- placed in the stock	spile area and covered with	plastic			
		-						
		+						
CONSTRUCTION	AND PLANT EQI	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator	-					8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 3ea						24
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 3skids						72
	Harris Blade	Cat 322 Long Reach						0
	United Rentals	Takehuchi skidsteer loader						7
Schedule Activity No.	REMARKS							
			lai	mes Nores		7/2/10		
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CC		RODUCTION RE	EPORT		DATE 2/JU	L/10	
CONTRACT NO N62473-	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO 014	C	ont.
CONTRACTOR	Engineering	/Remediation Resource	es Group Inc	SUPERINTENDENT	J	ames Nores		
AM WEATHER		Tromodiation (topodios	PM WEATHER	1 11		MAX TEMP (F)	MIN	TEMP (F)
C	lear, cool		Sunny, wi			70		53
0.1.1.1			WORK PERFO	ORMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
							\dashv	
							-	
							\dashv	
							\dashv	
							-	
		WAS A JOB SAFETY MEETING	G HELD THIS DATE?			TOTAL WORK HOURS ON JOE	3	
JO	В	(If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE	ETS	
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	□ NO	CUMULATIVE TOTAL OF WOR HOURS FROM PREVIOUS	₹K	
WAS CRANE/MAN	NLIFT/TRENCHIN	NG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE	E? ☐ YES	□ NO	REPORT		
,		st showing inspection performed	•	☐ 1E3		TOTAL WORK HOURS FROM		
		ASTE RELEASED INTO THE EN tt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENT	TS HAVI	E BEEN MET.
Schedule	I	1	ATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	equipment Used Today (incl Make	e and Model)				Hours Used
, ,	ERRG	JD310 Backhoe						8
	Harris Blade	Cat 735						0
	Harris Blade	2K Water Truck						4
	United Rentals	2K Water Truck					\dashv	4
	Harris Blade Harris Blade	Cat LGP D-6 Bulldozer Cat 735						8 0
	Harris Blade	Hyundai Long Reach Excava	ator				_	0
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u></u>					
Schedule Activity No.	REMARKS							
			_					
	<u> </u>			mes Nores		7/2/10		<u> </u>
			341	CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 7/1/	TIME O	PROJECT NUMBER	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	JR-07		
TYPE OF WORK	ROMOVE RAD PA	DS TUIL OUGL DOMA	is FOR RAD SCAN, Pull ANY
	remaining debris	Mark the second	
	SAFETY TO	OPICS PRESENTED	
SAFETY TOPICS	/	E PRENIMITY, STAFF,	
long pants, st	G/EQUIPMENT Hard teel-toed work boots. Gloves and		s, reflective safety vest, shirt with sleeves, as necessary.
CHEMICAL HAZARDS	Potential for low level radiatio	n	
PHYSICAL HAZARDS		WATER, SLIPPERY	CLA = ACC C
A	2000 11000 1	,	1,000
EMERGENCY PROCEDU	RES Employee to repo	rt any injury to Supervisor; Supe	rvisor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHO	NE 911/ 415-641-6625(ER)	PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc	to, CA 941124	
SPECIAL EQUIPMENT		None	
NOTE:			
NOIE.			
		ATTENDEES	
NAME PRINTED		COMPANY	SIGNATURE
FURIOUS HAI	ZILLIEZ E	ERRG	Gulf Janier
Fernando loza	t	RRG	P- A
Villiama 1	1000	CLCC	John Ogm
Borris Portu	the F	2125	Rom North
Roberto Has	itra E	- RRG	Thurst Hylina
DAUID HASH	SDS -	RRG	Dani Haser
JOE Cumphon		NUT	T. compre
Spenier John	nson	ERRL	my
	BURG	eng	ena
JASON WALTH	ER -	NWT	Aus 1
THEOR APPL		ERYO C	
Rowan Tucke	-	E'REG	Nowan Unit
			1. 1/
Health & Safety Officer	DICK EPP	SUPERINTE	NDENT JAMES / VONC
SIGNATURE AM	(mm	SIGNATURI	Janu Mill In
1	4		1

DAILY FIELD ACTIVITY LOG

Prepared by:	Dishard Eng	Client:	Dont of the M	0.44	
RGDay:	Richard Epp	Date:	Dept of the N	avy	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		7/2/10		-
Weather:	OVERENT, WINDY	Page:	25-141	of	1
Site Visitors:	See Tailgate Sign In Log.	_ rage.		OI	
Description of Field A					
	The second of the second of the second				
SAFETY TAI	LGATE - TRAFFIC & EQUIPMINT PREXM	174 g UNOV	CON SUPPRICE	I, MUI	2
STYF		*			
					-
-					-
REMOVIN	G RAD PADS				
APTION 1	Seman Secul Cold Secular Secular	A	Nu duce is no	11 01	5
	TOTRA TECH SCAN, TURNING OVER	CUBBLE, L	DIS POSTAGE OF	LL POPE	
PIECES T	O LLRW BIN.				
PRICA TO	EQUIPMENT STAFTURS IN AM, TOCK	Clark In	10 00000	ec m	Evale or
					- 7 m
FONCE P	por shoresing TO INNOS & HALFWAY	ACCRES 10	wood Provide	TOWAR	0
Douglass	SF.				
DUST CA	WHELL - WOTTER DOWN WORK ARBIT FREE	neimari, 24/	3 million T	but was	
		/ /			_
- HON	VITORS ALL IN SOFULCE , DATA PAILS	DENS400	UPWIND OF	SITE	
Dou	UNIONO OF WORK AROA & DOWNWIND	OF SITE 6	windrock	2	
I As to be	A	2 17 11 1	A		
VAMUALS	CUT THE BOTTOM TYS-WAYS ON &	SUBSTANTA	IL HOPETIAN I	ac The	-
PANACH	FONCE ON EVANS ST RESECUTION	BETTON O	OF SCREEN	1.	
-					
EDITION	TIN USE: 3 WHTON TRUCKS, BULLDOZE	n Birlina	es ruin tres	2-1/1	
		R, MICH	JEIOSIE	(42)	
EXCAVE	TOR, END LOADER.				
-	1 . 1				
Signed:	Milliam	Date:	7/2/10		
	11-11		-1/1-		
-					

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 7/2/10 @ 0650

Client:

Project No.: Page:

29-141

Standard Used: AHR BAG

US NAVY

Location	Date	Time	CONC. II	nstrument TWA DataRAM	Comn	nents
#1	7/2/10	8751	0.624	0.038	10971	1 a DA
#2	11010	0755	0.061	0.047	16972	1
#3		0800	0 041	0. 055	10973	
#1		0858	0.017	0.025	10971	
#2		0901	0,026	0.034	10972	1
#3		0904	0.021	0.029	10973	
#-1		1037	0.005	0.016	10971	
#2		1040	0.022	0.025	10972	
# 3		1043	0.007	0.00	10973	
#1		1247	0.009	0.018	10871	
# 2		1249	0.018	0.021	10972	
#3		1255	0,001	0,001	10973	1
# 1		1358	0.005	0.011	10971	64.
#2		1404	0,029	0.622	10972	73,5
#3		1412	0.009	0.001	10973	64.2
#3	-	1457	0.021	0.012	19973	69.
#2		1504	0.037	0.021	10972	63.1
#1 BATT DISD		1508		-	10971	40.2
						10.6
	V					
						-
				*		-
			-			
1 - ON FENCE AT 2 - MONITURING WE						
- MONITORING CUE	ILL JT					



DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

			Jan		ŀ	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	Ken	6/7	e Mil	h	6/4	150	wel	(6/3	Vid	M	1/1 -	There	11/4	7/2	Fer	
res and rims	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No.	N/A	Defect(s):
acks						M			X			D			Ø	
eps and handgrips	P						Z			A						
uards on moving parts?				Ø			R			W			N.			
ngine belts and hoses	R			K			K			K						
uid levels acceptable?		X			1			M			Ø				M	Added at
ading/lifting capacity marked?	æ			Ø			K			N			Ø.			100000
at belt operative?	K			Del 1			1			K						
re extinguisher present?	4			Ø			K			K						
indows and mirrors unbroken?	K			Z			M			A						
nuges operative?							K			M						
ittery charged?	R			B			K			1						
indshield wipers operative?				R			X			R			1			
orn operative?	[All			M			N			A						
ick up alarm operative?	P			B			N			Ø			[]			
ghts and signals operative?	A	Ø		D	d		[X	A		B	2			V		A See commen 7
eering and other controls	M			R			R			A			10			TORC CONTINCT.
rakes	Ø			a			M			1			E.			



DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Inspected By (Initials) And Date:	- 1 1 1 1 RL 1/67-2-10															
	Yes	No		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	B						A			W						
Tracks												W				
Steps and handgrips	[8]			B			N									
Guards on moving parts?	1						R									
Engine belts and hoses	1						K			V						
Fluid levels acceptable?							K			W						
Loading/lifting capacity marked?	M						100									
Seat belt operative?	1						128			Ø						
Fire extinguisher present?	R						M			2						
Windows and mirrors unbroken?							Ø.			V						
Gauges operative?							D			V						
Battery charged?	1						D			V						
Windshield wipers operative?	Ø						Z			P						
Horn operative?	8						D.			0						
Back up alarm operative?							M			2						
Lights and signals operative?							A			V						
Steering and other controls	Fe.]						1			U						
Brakes	[X]				П		Z	П					П			



DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

	Heavy Equipment Defects															
Inspected By (Initials) And Date:		HI 1-25-10 TL 1.52							PD 10	7.	1-	10/14	0	7-	10	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A		No	N/A	Yes	No	N/A	Defect(s):
es and rims							X			1						
acks									X			X				
eps and handgrips							X			7			M			
ards on moving parts?				31			K			F						
ngine belts and hoses							X			K						
uid levels acceptable?				X			X			7			1			
ading/lifting capacity marked?							X			1			1			
at belt operative?				N			K			A						
re extinguisher present?				X.			X			国			7			
indows and mirrors unbroken?	N						X			H			D			
auges operative?	V									4			V			
attery charged?				M			X			H			V			
indshield wipers operative?							×			7			D)			
orn operative?				V.			X			A			7			
ack up alarm operative?	1						X			1			g			
ghts and signals operative?	M						K			B			1			
eering and other controls							X			T-			[7]			
rakes		П			П		K			田	П	П	1	П		



					H	leavy	Equi	pme	nt De	fects	Savi P		123	Service of the	MIC			-		
Inspected By (Initials) And Date:	425	F	SPW	420	B	2M	6/30	500	MA	1/1	TI	M	7/2		1					
	Yes	No	N/A/4	Yes	No	N/A	Yes	- (N/A	Yes	No	NIA	Yes	No	N/A		Def	ect(s)	:	
res and rims			X			N			B			N			N					
acks	M		4	X			X			M	9		D		1					
eps and handgrips	X			X			Ø			X			X							
a.ds on moving parts?	X			X			Ø			X			X							
gine belts and hoses	X	=		M			K			IX.			X			+				
uid levels acceptable?	X			X	U		M			Ø			X							
ading/lifting capacity marked?	X			N			X			Q			X				-			
at belt operative?	K			A	Π,		X			V			X		-					
re extinguisher present?	X			X			M			X			R							
indows and mirrors unbroken?	X			X			X			区			×							
auges operative?	X			X			M			N			N				_			
attery charged?	M			X			N			X			Ø							
indshield wipers operative?	X			X			M			M			X							
orn operative?	X			D			M			X			M						-61	
ack up alarm operative?	X			V			Ø			K			M					-0.		
ghts and signals operative?	K			IX.						B.			M							-0
eering and other controls	X			X			M			12			M			777				
akes			X	0		A	E		X			X		-0	X	77				
olain corrective actions taken:						-/-		-	*	-		-	1		/	19.00				



Towns and Do (Yalkinia)	2 do 1		RA		H	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	119	¥-1		6-7	-4-10	o My	6-3		OHY	7-1	- 10	PA	7 2	- iD	MK	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
s and rims			U			P			V						у.	1
ks							V						V			
s and handgrips	1						1						V			
rds on moving parts?	-						V			V						
ine belts and hoses	V			V						V						
d levels acceptable?	2			V			w			V						
ling/lifting capacity marked?	V			M						V						
belt operative?	V			2			V			2			2			
extinguisher present?	9			V			1			V					3 🗆	
dows and mirrors unbroken?	V						W.	8		2			V			
ges operative?	1			1			V			[ir]			7			
ery charged?				B			P			4						
dshield wipers operative?			V			2			3			V			1	
n operative?	To a			U			1			W			1			
k up alarm operative?	V			D			V			U						
nts and signals operative?				M			1			V			7			
ering and other controls	Ø			P			2						2			
kes	V			V			V				П	П	2			



roject Number / Name:	H	05											R	enta		ERRG 🛎
Inspected By (Initials)						leavy		-		fects)	
And Date:	6-2	1-8-1		G-2 EH	4-1	JUL .	6-3 EH	0-16	sul.	E-14		al.	7-2	1-16	17/6	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No '	N/A	Yes	- 4	N/A	Defect(s):
Fires and rims							1			2		1				
Fracks						壓			W .	Į.		37	E E	100	99	
Steps and handgrips	20			183						图					图	
Guards on moving parts?							1960			2						
Engine belts and hoses	8									2			8			
Fluid levels acceptable?				B			N			10			D			144
Loading/lifting capacity marked?							10			100						
Seat belt operative?				92		BE	1		Est			进图	0			
Fire extinguisher present?	1			0			1			Ø						
Windows and mirrors unbroken?										BE!	1	P. 1			1	
Gauges operative?					1					10						
Battery charged?	B				100										E.	
Windshield wipers operative?												Z			8	
Horn operative?								2		100			0			
Back up alarm operative?				·□	2					(2)			0			
Lights and signals operative?	趨							79		2			1.			
Steering and other controls	國												0			
Brakes	B				66		П	99	ГТ				6			



Turns stad Dr. (Tuitints)	MON	1344			H	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	10000		07/	6-2	991	4 MG	6-3	OVI	4,296	2-1	DI	1 1/4	7-2	-OH	141	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes		N/A	Defect(s):
īres and rims			X			图			X			X			Z	
racks	X			M						×			\boxtimes			
teps and handgrips	R			X			X			M			Ø			
Guards on moving parts?	包			Ø			N			X			X			
Engine belts and hoses	X			×			M			M						
luid levels acceptable?	X			X			X			B			X			
oading/lifting capacity marked?			X			X			X			X			[39]	
Seat belt operative?	M			[2]			M			X			X			
Fire extinguisher present?		X			Z			M			X			X		
Vindows and mirrors unbroken?	[X]			1			×			X			M			
Gauges operative?	X						N			X			X			
Battery charged?	B			K			X			X			17			
Vindshield wipers operative?	Ø			N			M			X			X			
Horn operative?	K			[X]			N			X			13			
Back up alarm operative?	X			K			K			×			図			
lights and signals operative?	X.			X			7			X						
Steering and other controls	1			X			X			X			X			
Brakes	X			X			M			X			×			



					In F	leavy	Equi	pme	nt De	fects					1.11	In some of the control of
Inspected By (Initials) And Date:																
	Yes	No	N/A	Yes	No	N/A	Yeş	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
ires and rims		•					D									MAN IN ONE TIED
racks			Z						A			D				
teps and handgrips	Z			V			Ø			7						
uards on moving parts?	Z,			F			Ø			M						
ngine belts and hoses	N						[]			Ø,						
uid levels acceptable?	Y						M		Π,							
pading/lifting capacity marked?	Q		Ø			2						P				
eat belt operative?	Z			V						W						
re extinguisher present?			1			V			d			W				
/indows and mirrors unbroken?	V			1			7									
auges operative?	D			A			Ø,			7						
attery charged?										Ø						
Vindshield wipers operative?				1			Z			Ø						
lorn operative?	Z			V			V			d						
ack up alarm operative?	D,			M			N			V						
ights and signals operative?	V			Ø			1			V						
teering and other controls	M			W.			0			Ø,						
rakes				1		П	M			1	П				П	



Inspected By (Initials)		-	. 32		- 1	leavy	Equi	pme	nt De	fects						
And Date:			1-10			20.72				-	-		-			Defect(s):
Tres and rims	Yes	No	N/A	Yes	No	N/A	Yes	No.	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s).
The state of the s																
racks																
teps and handgrips	X									П	Ш	Ш				
Guards on moving parts?	X															
Engine belts and hoses	X															
fluid levels acceptable?	B															
oading/lifting capacity marked?	Ø															
Seat belt operative?	Ø															
Fire extinguisher present?																
Vindows and mirrors unbroken?	X															
Gauges operative?	Ø															
Battery charged?	X															-
Windshield wipers operative?																
Horn operative?	N															
Back up alarm operative?	8															
Lights and signals operative?																
Steering and other controls	×															
Brakes	×															



					1	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	4	28/10	EW	6/2	9/10	BU	6/3	0/10	EM	7-1	10	FL	7-2	1-10	00.	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	X			K			X			V			X			
Tracks			X			X			X			W	題		X	
Steps and handgrips	Ø			X			X			W			Ø			
Guards on moving parts?	B			X			D			0			À			
Engine belts and hoses	X			Ø			N			W			A			
Fluid levels acceptable?	X			Ø			N			W			X			
Loading/lifting capacity marked?	K			X						U			X			
Seat belt operative?	N			×			[W			X			
Fire extinguisher present?		N			X			R			F			X		
Windows and mirrors unbroken?	X						K			0			X			
Gauges operative?	X			N			K			1			0			
Battery charged?	X			1			N			19						
Windshield wipers operative?	×			K			Ø						D			
Horn operative?	X			[V]			V			14			N			
Back up alarm operative?				N N			8			D			M			
Lights and signals operative?	K			N			N			19			X			
Steering and other controls	N						X			TO			A			
Brakes	X	П		N			X			P			W	$\overline{\Box}$		
D. Greek	0.00			4			[23]					ш	M			



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site
 activities. Radiological air monitors were deployed prior to performing any invasive or
 dust generating activities at both upwind and downwind locations. RCA postings were
 routinely checked.
- Provided radiological support of debris removal activities along the shoreline and IR-07 site. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete debris removed from the shoreline (ERRG-A-IR07-008, ERRG-A-IR07-009, and ERRG-A-IR07-010). A total of 108 pieces (36 flip side of the previously surveyed pieces and 72 of new surveyed pieces) were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete and rock pieces for surveys ERRG-A-IR07-001 through ERRG-A-IR07-006. No activity above the release criteria was identified in surveys ERRG-A-IR07-001 through ERRG-A-IR07-003. For surveys ERRG-A-IR07-004 through ERRG-A-IR07-006, the following had activity above the release criteria and were disposed of as LLRW.

<u>Item Number</u>	LLRW Bin #
ERRG-A-IR07-004-010	GFLU 001231 G7
ERRG-A-IR07-005-006	GFLU 001231 G7
ERRG-A-IR07-005-015	GFLU 001231 G7

Daily Status Report Page 2 of 2

ERRG-A-IR07-005-027	GFLU 001231 G7
ERRG-A-IR07-005-030	GFLU 001231 G7
ERRG-A-IR07-006-018	GFLU 001231 G7
ERRG-A-IR07-006-020	GFLU 001231 G7
ERRG-A-IR07-006-034	GFLU 001231 G7

• Bin waste characterization samples were collected from GFLU 001170 G13 and GFLU 1231 G7.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALITY			RT		DATE REPORT		JL/10
DUAGE	CONTR	A OT NO	(ATTACH ADDITIONAL SHEE		RΔ at IR-	07 & -18 at Paı	cel B; Soil H	NO otspot Location	_	Parcels B,
			N62473-09-D-2608	CONTRACT T		G; and Soil Sto	ckpiles at Pa			
			PRY PHASE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL PREPARATORY P	HASE CHECKLIS	īT.	YES	NO 🔳			
PREPARATORY	Sch	edule	Definable Feature of Work							Index #
RA.	Activ	ity No.								
ΕPA										
PRE										
			SE WORK PREFORMED TODAY?			YES	NO 🔳			
		edule	AND ATTACH SUPPLEMENTAL INITIAL PHASE CH	HECKLIST.					1	In day #
INITIAL	Activ	ity No.	Definable Feature of Work							Index #
Z										
			WITH CONTRACT AS APPROVED DURING INITIA	AL PHASE?						
			WITH SAFETY REQUIREMENTS?				YES	■ NO		
		edule ity No.	Description of Work, Testing Performed & By Whom Section, Location and List of Personnel Present	, Definable Featur	e of Work, Specific	ation				
	()2	Continued deconstructing the existing rad so	reening pads, v	erified that activit	ies performed co	nformed to the	site clearing and	d dem	olition checklist.
Ъ		03	Verified that activities performed conformed	to the shoreline	excavation and i	evetment checkl	st.			
FOLLOW-UP	(04	Rad screening of large concrete debris from s	shoreline.						
ГО										
FOL										
REWORK	ITEMS IE	DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSIN	IESS)	REWORK ITEMS	CORRECTED TOD.	AY (FROM REW	ORK ITEMS LIST)		
Sched Activity		Description			Schedule Activity No.	Description				
					,					
Sched	lulo I		Follow-Up Phase Checklist Item From Above That W	as Answered "NC	"), Manuf. Rep On-	Site, etc.				
Activity	INO.	Description	detached privacy screen on northeast fer	oce line						
		Secureu	detactied privacy screen on normeast let	ice iirie.						
			rtify that this report is complete and correct and d work performed during this reporting period is in		Elizabeth Bi	inning			7/	/2/10
except as			awings and specifications to the best of my knowledge			MANAGER AT SITE			• • •	DATE
			GOVERNMENT QUALITY ASSURA	NCE REPOR	Т	D	ATE			
QUALITY / Sched	lule		RESENTATIVE'S REMARKS AND/OR EXCEPTIONS	S TO THE REPOR	Т					
Activity		Description								
	+									
	+									
	†									
				=	00//50/145	IALITY ACCUSATION	E MARIA OTT			DATE
4296/2 (9/9	98)			,	GUVERNMENT QL	JALITY ASSURANC	E MANAGER SHEET 1	OF 1		DATE

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 7/2/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Stantad alagning dahnig faans ahanaling an
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/2/2010

Shoreline Excavation and Revetment

7/2/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

			Ī	I	
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery	_				
to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of	D	v			
the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws,					
deterioration or damage incurred during manufacture, transportation or	Initial	X			Geotextile checked upon delivery on
storage prior to installation?					6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a	Initial	X			
minimum thickness of at least 6 inches?	Illiuai	Λ			
Is the stockpile a maximum of 12 feet high and formed by a series of					Filter rock stockpile in offloading area
layers of truckload dumps, where the rock essentially remains where it	Initial				and stockpiling area meets these
is placed?					requirements.
I-41-6-41-19	T . *4* - 1				Filter rock stockpile in offloading area
Is the first layer of the stockpile a maximum of 6 feet high?	Initial				and stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the					Filter rock stockpile in offloading area
edge of the previous layer so that the rock will not roll down the edges	Initial				and stockpiling area meets these
of the previous layers.					requirements.
					- 1
TT				-	
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand	Follow				
fill and then compacted to a density equal to the adjacent in place					
material?	up				
Have subaqueous areas on which filter materials and riprap are to be					
placed graded and/or dressed to conform to cross sections shown on the	Follow				
contract drawings within an allowable tolerance of the specified slope	up				
line and grades?					
Have surfaces on which the geotextile will be placed been prepared to a	Follow				
relatively smooth surface condition free from obstruction, debris,	up				
depressions, erosion feature, or vegetation? Have surface irregularities been removed so as to ensure continuous,	Follow				
intimate contact of the geotextile with all the surface.	up				
Has loose, soft, or low density pockets of material been removed;	1				
erosion features such as rills, gullies etc. shall be graded out of the	Follow				
surface before geotextile placement.	up				
Are tolerances of the slope lines and grades of the prepared base as	Follow				
shown on the contract drawings?	up				
Has the prepared base shall be approved by the Contracting Officer?	Follow				
	up			-	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	l .				
	up Follow				
of revetment materials through use of pins, staples, sand bags, or stone?	up				
	Follow			t	
geotextile along the line passing through midpoints of the overlap	up				
Have the securing pins been removed as placement of revetment	Follow				
materials are placed to prevent tearing of geotextile or enlarging holes?	up			<u> </u>	
	Follow				
placement of riprap or other materials?	up				

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from	Follow				
contamination by surface runoff?	up				
Has any geotextile damaged during its installation or during placement	Follow				
of bedding materials or riprap been replaced?	up				
Has the geotextile been placed with the long dimension perpendicular to	Follow				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	up				
or creases?	_				
Have the strips been placed to provide a minimum width of 24 inches of					
overlap for each joint of the demarcation geotextile?	up				
Has the geotextile been covered with a layer of the filter rock within 7	Follow				
calendar days after placement of the geotextile? Have terminal ends of the geotextile been anchored in as shown on the	up Eallar				
design drawings?	Follow				
Has equipment been prevented from tracking across the unprotected	up Follow				
geotextile?	up				
Has the geotextile been placed on the prepared base in accordance with					
the details shown on the contract Drawings, and within the limits either	Follow				
shown on the contract drawings or staked in the field?	up				
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up				
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer					
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				
slope and the amount does not exceed 200 tons unless otherwise	up				
approved?	_				
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				
or riprap as a result of stockpiling been removed prior to placement?	up				
Has filter material been spread uniformly on the geotextile to the slope	Follow				
lines and grades as indicated on the contract drawings and in such	up				
manner as to avoid damage to the geotextile?	_				
Has placement of the filter rock and riprap begun at the bottom of the	Follow				
area to be covered and continue up slope?	up				
Have loads of the filter rock and riprap been placed against previously	Follow				
placed material in such a manner as to ensure a relatively homogenous	up				
mass?					
Has riprap been placed in such manner as to produce a well graded	Follow				
mass of rock with the minimum practicable percentage of voids?	up				
Has equipment been restricted from operating directly on the completed					
stone protection system?	up				
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				
which the least dimension is not less than one-third the length?	up Eallar				
Does the riprap along the lower edge of an area consist of the largest	Follow				
stones set in a trench so as to form a band? Except for spalls used to fill voids between larger stone, have stone	up				
been used in the exposed face of the riprap which will extend more than	Follow				
one-half the thickness of the riprap?	up				
	Fellow	-			
Has the riprap been placed in one layer?	Follow				
Have spaces between the larger stones been filled with spalls and	up Follow			 	
smaller stones of the largest feasible size to form a compact mass?	up				
	Follow				
stones and clusters of larger stones?	up				
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				
and institusions completed nork.	uр				

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual		X			
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/2/2010



Photo 1: Site Clearing and Demo – Deconstruction of existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 2, 2010



Photo 2: Site Clearing and Demo – Deconstruction of existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: July 2, 2010





Photo 3: Site Clearing and Demo – Disposal of plastic sheeting from existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Photo 4: Radiological Screening – Screening of large concrete debris. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 2, 2010

Date: July 2, 2010



	CC		RODUCTION RE	PORT		DATE 06/J	IUL/10)
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	Parcels D-1 and G,		REPORT NO	015	;
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER	0 0	Tromodiation (cooding)	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
С	clear, cool		Sunny, wi			70		53
	1		WORK PERFO	DRMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew continue v	vorking on the demo of the old ra	ad screening pads- pulling	ERRG	1	Superintendent		5
	plastic, fabric a	nd sand bag debris- all debris pl	aced directly into the LLRW bin	ERRG	1	Construction Manager		8
	Weekly QC con-	ducted today at the Tetra Tech t	railer conference room	ERRG	1	Project Manager		0
				ERRG	1	QC Manager		10
				ERRG ERRG	1	Tech Lead H&S Officer		10 8
				ERRG	1	QC Staff		8
				ERRG	5	Equipment Operators		37
				ERRG	7	Laborers		21
				ERRG	3	Truck Drivers		22
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		153
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT		1877.5
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	I WORK/ HAZMAT WORK DONE .)	YES	■ NO	TOTAL WORK HOURS FROM	Л	0000 =
(If YES attach des		ASTE RELEASED INTO THE EN it and proposed action.)	√VIRONMENT?	YES	■ NO	START OF CONSTRUCTION		2030.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED	0		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	oriefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r			
FOLUDATENT/BAAT	EDIAL DEGEN/E	D TODAY TO BE INCORDODA	TED IN 100 (INDIOATE COLIE	NULE A OTIVITY AU IMPERI				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	ATED IN JOB (INDICATE SCHED terial Received	JULE ACTIVITY NUMBER,)			
Activity No.		1						
	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						7
	United Rentals							24
	Rental Solutions SCS Tracer	25KW Generator-1ea Air Monitoring Skids- 3skids						12 72
	Harris Blade	Cat 322 Long Reach						0
	United Rentals	Takehuchi skidsteer loader						7
Schedule Activity No.	REMARKS							
							•	
	l			NI.		7/0/40		
				mes Nores CONTRACTOR/SUPERIN	TENDENT	7/6/10 DATE		

4296/2 (9/98) SHEET 1 OF 1

	CC		RODUCTION RE	EPORT		DATE 06/JU	JL/10	
CONTRACT NO N62473-	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO 015	cont.	
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores		
AM WEATHER		Tromodiation (coodings)	PM WEATHER	L		MAX TEMP (F)	MIN TEMP (F)	
C	lear, cool		Sunny, wi			70	53	
Schedule				ORMED TODAY	1			
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	
		WAS A JOB SAFETY MEETING		☐ YES	П по	TOTAL WORK HOURS ON JOE SITE,	3	
JO SAFE	TV	(If YES attach copy of the meeti WERE THERE ANY LOST TIM	,			THIS DATE, INCL CON'T SHEE		
		(If YES attach copy of complete		YES	☐ NO	CUMULATIVE TOTAL OF WOF HOURS FROM PREVIOUS REPORT	ik.	
WAS CRANE/MAN	NLIFT/TRENCHIN ement or checklis	IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	I WORK/ HAZMAT WORK DONE I.)	YES YES	☐ NO	REPORT		
WAS HAZARDOU	S MATERIAL/WA	STE RELEASED INTO THE EN	,	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENT	TS HAVE BEEN MET.	
Activity No.								
Schedule	ERIAL RECEIVE Submittal #	D TODAY TO BE INCORPORA Description of Equipment/Mat	ATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)				
Activity No.	Gubilittai #	Description of Equipment/wat	.cnai received					
CONCEDUCTION	AND DI ANT FOI	UDMENT ON JOB CITE TODA	Y. INDICATE HOURS USED AN		UIMDED			
Schedule	İ	1			NUMBER.		I	
Activity No.	Owner	'	quipment Used Today (incl Make	e and Model)			Hours Used	
	ERRG	JD310 Backhoe					7	
	Harris Blade Harris Blade	Cat 735 2K Water Truck					7	
	United Rentals	2K Water Truck					7	
	Harris Blade	Cat LGP D-6 Bulldozer					8	_
	Harris Blade	Cat 735					0	
	Harris Blade	Hyundai Long Reach Excava	itor				0	
Schedule	REMARKS	<u> </u>						
Activity No.								
								_
	<u> </u>		l=.	maa Naraa		7/6/10		
			Jai	mes Nores CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-	2608
DATE 7/6/1	TIME 07	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1807			
TYPE OF WORK	RAD PADS In	port LAGGE AM RID	lean olar alm	y embankmer
1310 1132111	huld hipie has	line MAterial from	Pal Pal	7 CHIPMINENE
Page 1	Innevigna-C 1,14	7	per l'in	
SAFETY TOPICS		OPICS PRESENTED	Con Angline Id.	
PROTECTIVE CLOTHING		that, safety glasses w/side shields,	,	ith slagues
		f PFD (personal flotation device) a		itii sieeves,
Access to the second				
CHEMICAL HAZARDS	Potential for low level radiation	on		
PHYSICAL HAZARDS				
THE DOENEY PROCEDU	nee endough to the		des exter CCHO	
EMERGENCY PROCEDU	· ·	ort any injury to Supervisor; Super	-1- 10 L. V V 1 L. D. V	
HOSPITAL/CLINIC	St. Lukes Hospital PHO		PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francis	co, CA 941124		
SPECIAL EQUIPMENT		None		
NOTE:				
-				
		ATTENDEES		
DAUZO HASA		COMPANY SRIZG	Dan SIGNATURE	
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Adam Berry		Teci -	1000	
Sagren Gall Co	<u>-</u>	NOT -	- Bustier	4
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Roberto Any	Tem E	TURG	Kint to Von	hou
Spencer John		276	4115760	
H Wollen Buller		WAY BUT	gue	
DOUG Belova		NAVY BLAC _	Ny	/
Health & Safety Officer	DIEK EDIP	SUPERINTE	NDENT 19048	lois
SIGNATURE	Menn	SIGNATURE	Church 1	1
JAMINATURE /	111/11	31GNATURE	July 100	



TAILGATE SAFETY MEETING

	ATTENDEES	
NAME PRINTED	COMPANY	SIGNATURE
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Ty ATAI	1-22	
Brad Hall	 ERRC'	100
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ealth & Safety Officer	SUPER	RINTENDENT
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GNATURE	SIGNA	TURE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client	Dept of the Navy
RGDay:	TUESDAY	_	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		
Weather:	CLOUDY) of
Site Visitors:	See Tailgate Sign In Log.	_	
Description of Field A		Page:] of	
7	CGATE - UNOVEN & SLIPPERY SURFA	CES, FO	UIPHUNT TRAFFIC
DATAGAMS	IN PLACE FOR PAPTICULITE ROAD	inigs as A	THAT OF DUST CONTROL,
REMOUTER	OLD RAD PADS.		
ASSISTING	TOTAL TOUR SCANNING , TUENING BE	ம் நக்கி	f.,
	DAUGUS FONCE LINES.	Egoup por	STHERIP ON
1-			_
EQUIPMEN	IT - 3 WITTER THUCKS, BULL DOZER	, FRONT	COADER, GXCHARR
BA	CKHOE, SKIDSTOGR		

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 7/6/10 @ 0645

Client:

USWAY

Project No.:

Page:

Standard Used:

Location	Date	Time	colc Ir	DataRAM	Comme	a BA
#/	7/6/10	0650	6.002	0,005	10971	140,8
# 2	1	0751	0.009	0.004	10973	67.0
#3		0757	0.009	0.011	10973	49.
12		0900	BATTORY	DONO	10973	54.0
#-3		0905	0.007	0.009	10972	54.
#1		0912	0.009	0.004	10971	53.8
12		0934	0:000	0.001	10973	70.
-2 *		1011	0.000	0.000	10973	63,
-3		1018	0.003	0.007	10972	80
-1		1029	0.000	0.603	10971	61.
2		1056	0,002	0.005	10973	64
3		1105	0.005	0.003	10872	64.
4		1112	0.000	0.002	10971	63.
2		1238	0.060	0.000	10973	58.
3		1241	0.002	0:602	10972	68.
ĺ		1248	10.010	0.008	10971	63
ROPHED BATE,		1412	0.000	0.0011	10971	4.
2		1416	0.000	0.000	10973	65.
3		1420	0.004	0.002	10972	73,
)		1517	0.009	6,003	10972	66.
-		1522	0.000	0.000	10973	53.
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2 - MONTROPHY WA	6 3-4				The second secon	



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline and IR-07 site. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete debris removed from the shoreline (ERRG-A-IR07-011, ERRG-A-IR07-012, ERRG-A-IR07-013, and ERRG-A-IR07-014). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-007 and ERRG-A-IR07-008. For surveys ERRG-A-IR07-007 through ERRG-A-IR07-008, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u>	LLRW Bin #
ERRG-A-IR07-007-006	to be designated
ERRG-A-IR07-007-007	to be designated
ERRG-A-IR07-007-014	to be designated
ERRG-A-IR07-008-008	to be designated
Entre II Intel 000 000	to ou designated

Daily Status Report Page 2 of 2

• Bin waste characterization samples were collected from BFLU 012617 G5 and GFLU 001244 G7.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALIT			RT	REPORT ()6/JUL/10
	ı		(ATTACH ADDITIONAL SH	HEETS IF NECESSAF	,	07 9 40 of Daniel D	NO	015
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	TLE D-1, and	07 & -18 at Parcel B; S G; and Soil Stockpiles	oui Hoispot Location at Parcels D-1 and (is au Parceis B, G. HPS, SF
	WAS PI	REPARATO	ORY PHASE WORK PREFORMED TODAY?		D I, and	YES NO		0, 111 0, 01
₹	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIS	ST.			
2		nedule	Definable Feature of Work					Index #
PREPARATORY	Acti	vity No.	25 masis - Galace S. Visik					mack #
ΑF								
Æ								
<u> </u>								
			SE WORK PREFORMED TODAY?			YES NO		
			AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.				
۲.		nedule vity No.	Definable Feature of Work					Index #
INITIAL								
Z								
	WORK	COMPLIES	WITH CONTRACT AS APPROVED DURING IN	ITIAL PHASE?			YES NO	
	WORK	COMPLIES	WITH SAFETY REQUIREMENTS?					
	Scl	nedule	Description of Work, Testing Performed & By Wh	nom, Definable Featur	e of Work, Specific		- 1	
	Acti	vity No.	Section, Location and List of Personnel Present					
		02	Continued deconstructing the existing rad	screening pads, v	erified that activit	ies performed conformed	to the site clearing and	demolition checklist.
a		03	Verified that activities performed conformed	ed to the shoreline	excavation and i	revetment checklist.		
FOLLOW-UP		04	Rad screening of large concrete debris fro	m shoreline.				
VO								
7								
요								
REWORK	ITEMS I	DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BU	ISINESS)	REWORK ITEMS	CORRECTED TODAY (FROM	REWORK ITEMS LIST)	
Sched Activity		Description			Schedule Activity No.	Description		
7 touvity	110.				7 touvity 140.			
REMARK	S (Also E	Explain Any	Follow-Up Phase Checklist Item From Above Tha	at Was Answered "NC)"). Manuf. Rep On-	Site. etc.		
Sched	ا ماییا				,,			
Activity	No.	Description						
			rtify that this report is complete and correct and					
compliance	ce with th	e contract dr	d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth B			7/6/10
except as	noted in t	his report.				MANAGER AT SITE		DATE
OHALTY	A C C ! ! ! .	NOT DEED	GOVERNMENT QUALITY ASSU			DATE		
QUALITY A Sched			RESENTATIVE'S REMARKS AND/OR EXCEPTION	UNS TO THE REPOR	i I			
Activity		Description						
	_							
120612 (0)	08)			-	GOVERNMENT QU	JALITY ASSURANCE MANAC		DATE
4296/2 (9/9	30)					SF	HEET 1 OF 1	

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 7/6/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Wells and probes will be protected after clearing and grubbing operations are completed
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Clearing and grubbing of the site has not been completed.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Wells and probes will be protected after clearing and grubbing operations are completed.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/6/2010

Shoreline Excavation and Revetment

7/6/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				
Has the prepared base shall be approved by the Contracting Officer?	Follow up				
authorized by the Contracting Officer?	Follow up				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone? Have the securing pins been inserted through both strips of overlapped	up				
geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow				
materials are placed to prevent tearing of geotextile or enlarging holes?	up Follow up				

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from	Follow				
contamination by surface runoff?	up				
Has any geotextile damaged during its installation or during placement	Follow				
of bedding materials or riprap been replaced?	up				
Has the geotextile been placed with the long dimension perpendicular to	Follow				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	up				
or creases?	_				
Have the strips been placed to provide a minimum width of 24 inches of					
overlap for each joint of the demarcation geotextile?	up				
Has the geotextile been covered with a layer of the filter rock within 7	Follow				
calendar days after placement of the geotextile? Have terminal ends of the geotextile been anchored in as shown on the	up Eallar				
design drawings?	Follow				
Has equipment been prevented from tracking across the unprotected	up Follow				
geotextile?	up				
Has the geotextile been placed on the prepared base in accordance with					
the details shown on the contract Drawings, and within the limits either	Follow				
shown on the contract drawings or staked in the field?	up				
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up				
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer					
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				
slope and the amount does not exceed 200 tons unless otherwise	up				
approved?	_				
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				
or riprap as a result of stockpiling been removed prior to placement?	up				
Has filter material been spread uniformly on the geotextile to the slope	Follow				
lines and grades as indicated on the contract drawings and in such	up				
manner as to avoid damage to the geotextile?	_				
Has placement of the filter rock and riprap begun at the bottom of the	Follow				
area to be covered and continue up slope?	up				
Have loads of the filter rock and riprap been placed against previously	Follow				
placed material in such a manner as to ensure a relatively homogenous	up				
mass?					
Has riprap been placed in such manner as to produce a well graded	Follow				
mass of rock with the minimum practicable percentage of voids?	up				
Has equipment been restricted from operating directly on the completed					
stone protection system?	up				
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				
which the least dimension is not less than one-third the length?	up Eallar				
Does the riprap along the lower edge of an area consist of the largest	Follow				
stones set in a trench so as to form a band? Except for spalls used to fill voids between larger stone, have stone	up				
been used in the exposed face of the riprap which will extend more than	Follow				
one-half the thickness of the riprap?	up				
	Fellow	-			
Has the riprap been placed in one layer?	Follow				
Have spaces between the larger stones been filled with spalls and	up Follow			 	
smaller stones of the largest feasible size to form a compact mass?	up				
	Follow				
stones and clusters of larger stones?	up				
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				
and institusions completed nork.	uр				

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual		X			
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/6/2010



Photo 1: Site Clearing and Demo – Deconstruction of existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 6, 2010



Photo 2: Site Clearing and Demo – Deconstruction of existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 6, 2010





Photo 3: Site Clearing and Demo - Disposal of plastic sheeting from existing rad screening pads and rad impacted concrete.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Photo 4: Radiological Screening – Screening of large concrete debris from shoreline. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: July 6, 2010

Photographed by: Tyson Appel (ERRG, Inc.)



Date: July 6, 2010

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 07/JUL/10			
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO	016	6	
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.l:	ames Nores			
AM WEATHER	0 0	Tremediation resources	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)	
C	lear, cool		Sunny, wi			70		53	
	1		WORK PERFO	DRMED TODAY	1	i			
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
02,03,04	Crew continue v	vorking on demo of the old rad p	pads. Crew working on turning	ERRG	1	Superintendent		10	
	the concrete de	bris on the debris screening strip	ps. Crew continued removing	ERRG	1	Construction Manager		10	
	debris and vege	tation from the shoreline working	g east to west- removed fence	ERRG	1	Project Manager		0	
		g shoreline. Crew placed t-post		ERRG	1	QC Manager		10	
	tencing around i	monitoring wells and soil gas pro	bes.	ERRG ERRG	1	Tech Lead H&S Officer		10 8	
	Tetra Tech mob	ilized a long reach excavator and	d a 20cy bin for their work at	ERRG	1	QC Staff		8	
		d screening concrete debris, pre-	•	ERRG	5	Equipment Operators		37	
		screened out one water truck.		ERRG	8	Laborers		26	
				ERRG	3	Truck Drivers		17	
				Tetra Tech	3	Rad Techs		24	
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		160	
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		2030.5	
		NG/SCAFFOLD/HV ELEC/HIGH tt showing inspection performed.	WORK/ HAZMAT WORK DONE .)	YES	■ NO	REPORT TOTAL WORK HOURS FROM	1		
		ASTE RELEASED INTO THE EN t and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		2190.5	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED	D		■ SAFETY REQUIREMENT	NTS HA	VE BEEN MET.	
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water								
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER))				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received						
		GMC 4000 gallon water truck	k						
		+							
CONSTRUCTION	AND PLANT EQ	LUIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.				
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used	
	Harris Blade	4K water truck						3	
	ERRG	JD 200CLC Excavator						8	
	Harris Blade	Cat 950 Loader						7	
	United Rentals	25 KW Generators- 3ea						24	
	Rental Solutions							12	
	SCS Tracer	Air Monitoring Skids- 3skids						72	
	Harris Blade United Rentals	Cat 322 Long Reach Takehuchi skidsteer loader						7	
Schedule	REMARKS	Takeriuciii Skiusteel loadel						,	
Activity No.									
	<u> </u>		1	maa Nauss		7/7/40			
				mes Nores CONTRACTOR/SUPERIN	TENDENT	7/7/10 DATE			

4296/2 (9/98) SHEET 1 OF 1

	DATE 07/JUL/10							
	09-D-2608	TITLE AND LOCATION RA	IAL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO 016) C	cont.
CONTRACTOR	Engineering	/Remediation Resource	es Group Inc	SUPERINTENDENT	J	ames Nores		
AM WEATHER		Tromodiation (topodios	PM WEATHER	1 11		MAX TEMP (F)	MI	N TEMP (F)
C	lear, cool		Sunny, wi			70		53
0.1.1.1			WORK PERFO	ORMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
		WAS A JOB SAFETY MEETING	G HELD THIS DATE?	_	-	TOTAL WORK HOURS ON JO	В	
JO	В	(If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHE	ETS	
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	□ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS	RK	
WAS CRANE/MAN	NLIFT/TRENCHIN	NG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE	E? ☐ YES	□ NO	REPORT		
,		st showing inspection performed	•	☐ 1E3		TOTAL WORK HOURS FROM		
		ASTE RELEASED INTO THE EN tt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	ITS HA	VE BEEN MET.
EOLUDAENT/AAA	EDIAL DEOEN/E		ATED IN 100 (INDIOATE COLIF	NULE A OTIVITY ALLIMOTED				
Schedule	I	I	ATED IN JOB (INDICATE SCHEE	JULE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY I	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	equipment Used Today (incl Make	e and Model)				Hours Used
	ERRG	JD310 Backhoe						7
	Harris Blade	Cat 735						0
	Harris Blade	2K Water Truck						7
	United Rentals	2K Water Truck						7
	Harris Blade Harris Blade	Cat LGP D-6 Bulldozer Cat 735						8
	Harris Blade	Hyundai Long Reach Excava	ator					0
Schedule Activity No.	REMARKS							
			Ja	mes Nores		7/7/10		
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-	D-2608
DATE 7/7/1	O TIME (700 PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	12-07+18			
TYPE OF WORK	RAD PADS, PROP FOR RIP-RAP ROCK			
SAFETY TOPICS		TOPICS PRESENTED	STY WET SURFACES . W	INTER SHEDY
PROTECTIVE CLOTHING	G/EQUIPMENT H	ardhat, safety glasses w/side shiel and PFD (personal flotation device	ds, reflective safety vest, shirt	
long pants, st	eer-toed work boots. Gloves	and PFD (personal flocation device) as necessary.	
CHEMICAL HAZARDS	Potential for low level radi	ation		
PHYSICAL HAZARDS				
EMERGENCY PROCEDUI	RES Employee to re	eport any injury to Supervisor; Sup	pervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital P	HONE 911/ 415-641-6625(ER) PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco, CA 941124			
SPECIAL EQUIPMENT				
The state of the s				
		ATTENDEES		
DAUZO HASA	96	COMPANY E/2/2 G	SIGNATURI Dear Hose	()
Ken Hark		EPPE	ble his	
Miama in	UT .	ERRET	10000	0 >
	Mera E	ERRE EUZG	Mercyle Nole	de to
PAFAEL	02A	ERRA	Pelash Jas	nei
ENRIQUE MAIST		ERG	Se mais	
TERNANDO LOZA	<u>-</u>	ERRG	5/ 5/11	1
Adam Roll	-	TIERA	Delos Tolland	J
JOE CUMINSHAM		Hut	Dul	1
Shoron Gallagin	úr	NUT	More	0
BERT BOWERS		NWT	- 200	
Spencer John	50-	ERRG	minne	
Lit BINNING	740	ERRG	11.	
TY APPIL)		EILLO		
USCAR OU	000 _	CARC	Osla or	
Health & Safety Officer	Dick Epp	SUPERIN	TENDENT AMES	Mores
SIGNATURE	1 July	SIGNATU	RE ams C".	1 A



TAILGATE SAFETY MEETING

DATE 7/7/10	TIME PR	OJECT NUMBER 29-141	
	ATTEN	DEES	
NAME PRINTED LUIS M PENA SAM HO	COMPANY TTECT TTECT	SIGNATURE	
Health & Safety Officer		SUPERINTENDENT	
SIGNATURE		SIGNATURE	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
RGDay:	WEDNESDAY	Date:	7/7/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	-	
Weather:	CLOUDY, WINDY, CLONING TO SUNDY	_Page:	of
Site Visitors:	See Tailgate Sign In Log.		
Description of Field			
SAFETY TAI	LGATE - VEHICLES & EQUIPMENT & TRAFFICE &	PROXIMIT	43 UNEVENTUET
SUPFAC	ES, WATER SAFFM.		
CLEARING	EXISTING RAD PADS		
Romoving	VETITATION MING SHOKEUNE IN PRO	PARATTAL PO	REVETMENT WORK
ROMOUT	D KLL FOUCE POSTE AT TOP OF SCORE	E, FROM PI	RMOR CHANN-LINK
FONCE	mong SHORDING. REMOVING ADD	MOVAL RU	OPLE,
DUIT O	ONTHOL MONTURES - WHTEN TRUCKS A	RE DATROL	ing TRAFFIC WHYS
TRUG	IS ARE STATIONED AT RAD PAD EXCA	VATTON & ST	HOROZINO CLUMUMP.
	S HUSE THEORED AT IMPLEDITE AR		
	PAMS IN USE UPWIND & DOCUNCIAND		
	WORK AREA.		0 7
ASS (STI)	is TOTRATEUR, COMONIX INTO LLU BIN	s & Topung-	WOR FOR SCHUS.
Prons	TING MONITORING WELF WITH SNOW FEN	CE ENCLOSE	DAES.
Equiumort	IN USE; 3 WATER TENERS, EXCAUN	TOR, BACK	HE SKIDSTEED, GOD
	2, DUMP TRUCK, BULLDOZER		
Leston	- December		

AIR MONITORING LOG SHEET

Prepared by:

Project Name: Site Location:

Di CAC 1590 Hunter's Point Parcel B IR07/18

San Francisco, CA

Calibration (Date and Time): 7/7/10 @ 0691

Client: Project No.: USNAVY 29-141

Page:

Standard Used:

AIR BAG

Location	Date	Time	cowc In:	strument 704 DataRAM	Comm	ents dBA
#1	7/7/10	0716	0.003	0,004	16971	154.5
#2	1/1	0720	6.023	0.022	10972	63.5
#3		0725	0.015	0.019	16973	78.9
# 1		0814	0.006	0.005	10971	56,6
# 2		0876	0.025	0.029	10972	62.0
#3		0820	BATT ORY	D0740	16973	75.7
#(0935	0.000	0.004	10971	58.6
# 2		0938	0.036	0.024	10972	63.5
\$ 3 REPLACED POTRUM		6948	0.014	0.019	10973	68.6
#1		1164	0.600	0.002	10971	65.E
#2		1107	0.019	0.020	1.0972	60-1
#3		110	0.016	0.011	10973	63.0
#1		1247	0.664	0.008	10971	72.4
*2		1252	0.057	0.023	10972	73.0
±3		1256	0.016	6.010	16973	63.9
#3		1344	0.011	0.010	10973	64.6
#2 PRITHER FORE, SCHOOL	573	1349	0.089	0.025	10972	66.1
# REPLACED BATTERY		1400	0.015	0.012	16971	65,6
#3	\\	1450	0.018	0.013	10973	62.7
72	V	1500	0.028	0,026	10972	67.2
# 3		1508	0.007	6.011	10973	62.9
		1515	0.029	8.027	10972	70.1
#2		1520	0.619	0,010	10971	70.1
						1-

ERRG

TRUCK ROMICOD 7/7/10

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Inspected By (Initials)		,	ma		1	leavy	Equi	pme	nt De	fects						
And Date:	Kon	1/6	Toos		79	Nes		2/1-	The		7/9	Fni				1. 1/2-
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	1	N/A	Yes	No	N/A	Defect(s):
ires and rims	P															
racks			A													
teps and handgrips	A															
Guards on moving parts?																
ingine belts and hoses	K															
luid levels acceptable?		N														Added maker oil
oading/lifting capacity marked?	A															20000 111111111111
eat belt operative?	P															
ire extinguisher present?	K															
/indows and mirrors unbroken?	W															
lauges operative?	M															
attery charged?	2															
Windshield wipers operative?	W															
Horn operative?	N															
Back up alarm operative?	De															
ights and signals operative?	K	M														See comments
Steering and other controls	Ø															266 00141/110142)
Brakes	12															

SAFETY INSPECTION CHECKLIST FOR CONTRUCTION EQUIPMENT (Including Cranes, Derricks, and Hoisting Equipment) PROJECT HPNS 29-141 FRPG TYPE AND MAKE OF EQUIPEMENT MODEL GMC COSOO SE 58 6771

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspections shall be maintained as part of the active contract file at Project or Resident Office, Checklist; set forth herein requires the application of EM 385-1-1, Safety and Health Requirements Manual, 1 Oct 87. The appropriate EM paragraph to be applied is listed at the end of each testing requirement.

	CHECKLIST	Yes	No	Not Appl	
ti.	ARE ADEQUATE AND SERVICEABLE FIRE EXTINGUISHERS PROVIDED? (13.3.01)		X		
2.	ARE ALL WIRE ROPE CABLES IN GOOD CONDITION? (17.0.01)			X	
3.	ARE WIRE ROPE, SOCKETS, SPLICES, THIMBLES AND CLIPS ADEQUATE AND PROPERLY APPLIED?	X			
4.	ARE HOOKS, SAFETY NOOKS, SHACKLES, RINOS, ETC., IN GOOD CONDITION? (17.4.XX, 17.4.XX)			X	
5.	ARE NECESSARY PLATFORMS, ETC., FOOTWALKS, ETC., PROVIDED?	X			
6.	ARE ACCESS STEPS, PLATFORMS, ETC., PROVIDED WITH NON-SLIP SURFACES?	a			
7.	IS OPERATOR PROTECTED AGAINST THE ELEMENTS, FALLING OR FLYING OBJECTS, SWINGING LOADS AND SIMILAR HAZARDS?	X			
8.	ARE ALL GLASSES IN OPERATOR'S COMPARTMENT SAFETY GLASS AND IN GOOD REPAIR?	X			
9.	IS SUITABLE ACCESS PROVIDED TO LUBRICATION POINTS?	×			
10.	DO ALL MODIFICATIONS, EXTENSIONS, REPLACEMENT PARTS, AND/OR REPAIRS TO EQUIPMENT MAINTAIN THE SAME FACTOR OF SAFETY AS ORIGINAL DESIGN EQUIPMENT?			K	
11.	ARE DRUMS FOR LOAD LINES EQUIPPED WITH AT LEAST ONE POSITIVE HOLDING DEVICE, APPLIED DIRECTLEY TO THE MOTOR SHAFT OR SOME PART OF THE TRAIN GEAR?			K	
12.	IS THEE SUFFICIENT CABLE TO ALLOW TWO FULL WRAPS OF CABLE ON DRUMS AT ALL WORKING POSITIONS?			X	
13.	ARE ADEQUATE HEADLIGHTS, TAIL-LIGHTS AND TURN SIGNALS PROVIDED AND ARE THEY IN PROPER OPERATING CONTITION?	X			
14.	ARE ALL APPROVED BRAKES ON WHEELED EQUIPMENT IN GOOD OPERATING CONDITION?	X			
15.	DO WINDSHIELDS HAVE WIPERS IN PROPER OPERATING CONDITION?		K		1
16.	ARE REAR VIEW MIRRORS PROVIDED?	K			
17.	ARE OPERATING LEVERS QUIPPED WITH LATCHES OR OTHER DEVICES TO PREVENT ACCIDENTAL STARTING	N			

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	CHECKLIST	YES	NO	NOT APPL
18.	IS THE ENGINE EQUIPPED WITH A POWER-OPERATED STARTING DEVICE IN OPERATIVE CONDITION?	1		
19.	DO ALL PRESSURE VESSELS HAVE VALID INSPECTION CERTIFICATES?	K		
20.	DO REVERSE SIGNAL ALARMS WORK?	N		
21.	ARE BELTS, GEARS, SHAFTS, ELECTRICAL CONTACTS, ETC., ADEQUATELY GUARDED?	X		
22.	ARE ALL HOT PIPES AND SURFACES SUITABLY GUARDED?	K		
23.	ARE FUEL TANKS LOCATED SO THAT SPILLS OR OVERFLOWS WILL NOT COME IN CONTACT WITH ENGINE OR EXHAUST?	K		
24.	ARE EXHAUSTS AND DISCHARGES SO DIRECTED AS NOT TO ENDANGER WORKMEN OR OBSTRUCT VIEW OF THE OPERATOR?	K		
25.	ARE TIRE GUARDS IN PLACE ON EQUIPMENT?	a		
26.	ARE ADEQUATE SEATS PROVIDED FOR ALL RIDERS?	K		
27.	ARE TIRES IN SERVICEABLE CONDITION?	K		
28.	ARE STEERING LINKAGE AND TIE ROD IN GOOD OPERATING CONDITION?	X		
29.	ARE DUMP BODIES PROVIDED WITH HOLDING DEVICE OR OTHER SUITABLE DEVICE FOR LOCKING BODY IN RAISED POSITION?			K
30.	ARE TAILGATE DUMPING DEVICES SO ARRANGED THAT OPERATOR WILL BE IN THE CLEAR WHILE DUMPING LOADS?			K
31.	ARE TRIP-HANDLES PROVIDED ON TAILGATES TO FACILITATE HANDLING?			K
32.	ARE AIR HOSES FREE FROM LEAKS OR DEFECTS?	K		
33.	ARE SAFETY LASHINGS FOR QUICK MAKE-UP TYPE CONNECTIONS PROVIDED?			K
34.	IS ACCEPTABLE SPARK ARRESTOR INSTALLED AND WORKING?	K		
35.	DO HEATING DEVICES COMPLY WITH REFERENCES?			K
36.	DOES WELDING EQUIPMENT COMPLY WITH CODE REQUIREMENTS?			K
37.	IS EQUIPMENT ADEQUATELY GROUNDED?			K
38.	DO ELECTRICAL COMPONENTS COMPLY WITH CODE?			K
39.	ARE REQUIRED PRESSURE, TEMPERATURE, RELIEF GAGES AND VALVES INSTALLED AND OPERABLE?			K
10.	ARE APPROVED SEAT BELTS AND ROLL-OVER PROTECTION PROVIDED?	K		
41.	IS RECOMMENDED PREVENTIVE MAINTENANCE BEING FOLLOWED?	N		

	CHECKLIST	YES	NO	NOT
42.	DO HELICOPTER CRANES MEET CONSTRUCTION REQUIREMENTS?		1	X
43.	DO HYDRAULIC JACKS MEET SPECIAL SAFETY CONDITIONS?			X
44.	IS CONCRETE EQUIPMENT FITTED WITH ADEQUATE SAFETY DEVICES?			X
45.	ARE ELEVATING AND ROTATING WORK PLATFORMS IN CONFORMANCE WITH ANSI A92.2?			X
46.	DO CONVEYORS, CABLEWAYS, AND RELATED EQUIPMENT CONFORM TO ANSI 820.01?			K
47.	ARE PILE DRIVERS EQUIPPED WITH ALL APPROPRIATE SAFETY DEVICES?			X
48.	DO MATERIAL HOISTS CONFORM TO ANSI A10.5?			K
49.	DO PASSENGER ELEVATORS CONFORM TO ANSI A10.4? ARE TEMPORARY HOISTS IN ACCORDANCE TO ANSI A10.22?			×
50	DO HAND AND POWER TOOLS COMPLY WITH APPLICABLE ANSI STANDARDS?			X
51.	IS A HIGH VOLTAGE SIGN POSTED?			K
52.	IS EQUIPMENT FITTED WITH POSITIVE STOPS FOR ROTATION WHEN NEAR POWER LINES?			K
53.	IS THERE ANY VISIBLE EVIDENCE OF DAMAGE TO BOOM?			K
4.	IS THE BOOM POSITION INDICATOR OPERATING AND VISIBLE TO THE OPERATOR?			(
55.	HAVE ALL OPERATORS HAD A CURRENT PHYSICAL EXAMINATION?	1		×
6.	IS BRAKING EQUIPMENT CAPABLE OF EFFECTIVELY BRAKING, LOWERING AND SAFELY HOLDING A LOAD OF AT LEAST THE FULL RATED LOAD AS REQUIRED?			K
1	MARKS: Driver rear tight out Needs new recharged Five extingisher Niper blades torn			
	RTIFICATION: I hereby certify that this equipment is in good operating condition and that it meets the special point of the special points of the special	20/0 DATE	equirem	ents
	SIGNATURE OF SUPERINTENDENT/QUIALITY CONTROL ENGINEER	DATE		



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 7, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline and IR-07 site. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete debris removed from the shoreline (ERRG-A-IR07-015, ERRG-A-IR07-016, ERRG-A-IR07-017, and ERRG-A-IR07-018). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-009 and ERRG-A-IR07-010. No activity above the release criteria was identified in survey ERRG-A-IR07-009. For survey ERRG-A-IR07-010, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-010-019	to be designated
ERRG-A-IR07-010-024	to be designated
ERRG-A-IR07-010-028	to be designated
ERRG-A-IR07-010-035	to be designated

Daily Status Report Page 2 of 2

- Bin waste characterization samples were collected from GFLU 001182 G12.
- An RCT performed incoming surveys of the following equipment: 1 4K gallon water truck, 1 articulated dump truck, and 1 long reach excavator.

• An RCT performed a survey for free release on 1-4K gallon water truck.

Issues/Items Pending Action

None.

		(CONTRACTOR QUALITY			RT	DATE 07/	/JUL/10 016				
PHASE	CONTRAC	CT NO	(ATTACH ADDITIONAL SHEE N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parcel B; Soil H	NO lotspot Locations	at Parcels B,				
FHASE				CONTRACT	D-1, and	G; and Soil Stockpiles at Pa YES □ NO ■	arcels D-1 and G,	HPS, SF				
≿			PRY PHASE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL PREPARATORY P	HASE CHECKLIS	T.	YES NO						
PREPARATORY	Sche	dule	Definable Feature of Work					Index#				
RA]	Activity	y No.										
ΡA												
PRE												
	WAS INIT	TAL PHAS	SE WORK PREFORMED TODAY?			YES NO						
		ES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST. Schedule D. Godden G. G										
IAL		Schedule Activity No. Definable Feature of Work										
INITIAL												
_												
	WORK CO	OMPLIES	WITH CONTRACT AS APPROVED DURING INITIA	L PHASE?		YES	■ NO □	I				
	WORK CO	OMPLIES	WITH SAFETY REQUIREMENTS?			YES	■ NO □					
	Schee Activity		Description of Work, Testing Performed & By Whom Section, Location and List of Personnel Present	, Definable Featur	e of Work, Specifica	ation						
	02	2	Continued deconstructing the existing rad so	reening pads, pl	aced constructio	n fence around the monitoring v	vells and soil gas pro	obes, started				
굡			trackwalking the vegetation along the shoreli				ing and demolition c	hecklist.				
FOLLOW-UP	03		Verified that activities performed conformed to		excavation and re	evetment checklist.						
-FO	02	4	Rad screening of large concrete debris from	snoreline.								
101												
REWORK	ITEMS IDE	ENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSIN	IESS)	REWORK ITEMS	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)					
Sched Activity		escription			Schedule Activity No.	Description						
REMARK: Sched Activity	lule	plain Any escription	Follow-Up Phase Checklist Item From Above That W	as Answered "NC	"), Manuf. Rep On-	Site, etc.						
Houvity	140.											
On hahali	af the contr	mastan I aa	wife that this arrest is complete and competend									
equipmen compliance	t and materi	ial used and contract dra	rtify that this report is complete and correct and d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth B	inning MANAGER AT SITE		7/7/10 DATE				
except as	noted in this	s report.	GOVERNMENT QUALITY ASSURA			DATE		DATE				
		CE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTIONS									
Sched Activity		escription										
4296/2 (9/9	98)			7	GOVERNMENT QU	JALITY ASSURANCE MANAGER SHEET 1	I OF 1	DATE				

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 7/7/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Started installing orange construction fence around wells and probes on 7/7/2010.
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Started clearing debris from shoreline on
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up		X		Started installing orange construction fence around wells and probes on 7/7/2010.
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/7/2010

Shoreline Excavation and Revetment

7/7/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				
Have surface irregularities been removed so as to ensure continuous,	Follow				
intimate contact of the geotextile with all the surface. Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	up Follow up				
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				
Has the prepared base shall be approved by the Contracting Officer?	Follow up				
authorized by the Contracting Officer?	Follow up				
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow				
materials are placed to prevent tearing of geotextile or enlarging holes?	up Follow up				

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from	Follow				
contamination by surface runoff?	up				
Has any geotextile damaged during its installation or during placement	Follow				
of bedding materials or riprap been replaced?	up				
Has the geotextile been placed with the long dimension perpendicular to	Follow				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	up				
or creases?	_				
Have the strips been placed to provide a minimum width of 24 inches of					
overlap for each joint of the demarcation geotextile?	up				
Has the geotextile been covered with a layer of the filter rock within 7	Follow				
calendar days after placement of the geotextile? Have terminal ends of the geotextile been anchored in as shown on the	up Eallar				
design drawings?	Follow				
Has equipment been prevented from tracking across the unprotected	up Follow				
geotextile?	up				
Has the geotextile been placed on the prepared base in accordance with					
the details shown on the contract Drawings, and within the limits either	Follow				
shown on the contract drawings or staked in the field?	up				
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up				
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer					
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				
slope and the amount does not exceed 200 tons unless otherwise	up				
approved?	_				
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				
or riprap as a result of stockpiling been removed prior to placement?	up				
Has filter material been spread uniformly on the geotextile to the slope	Follow				
lines and grades as indicated on the contract drawings and in such	up				
manner as to avoid damage to the geotextile?	_				
Has placement of the filter rock and riprap begun at the bottom of the	Follow				
area to be covered and continue up slope?	up				
Have loads of the filter rock and riprap been placed against previously	Follow				
placed material in such a manner as to ensure a relatively homogenous	up				
mass?					
Has riprap been placed in such manner as to produce a well graded	Follow				
mass of rock with the minimum practicable percentage of voids?	up				
Has equipment been restricted from operating directly on the completed					
stone protection system?	up				
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				
which the least dimension is not less than one-third the length?	up Eallar				
Does the riprap along the lower edge of an area consist of the largest	Follow				
stones set in a trench so as to form a band? Except for spalls used to fill voids between larger stone, have stone	up				
been used in the exposed face of the riprap which will extend more than	Follow				
one-half the thickness of the riprap?	up				
	Fellow	-			
Has the riprap been placed in one layer?	Follow				
Have spaces between the larger stones been filled with spalls and	up Follow			 	
smaller stones of the largest feasible size to form a compact mass?	up				
	Follow				
stones and clusters of larger stones?	up				
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				
and institusions compiled for completed work.	uр	Ь			

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual		X			
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/7/2010



Photo 1: Site Clearing and Demo – Deconstruction of existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: July 7, 2010



Photo 2: Site Clearing and Demo – Protection of monitoring wells.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: July 7, 2010





Photo 3: Site Clearing and Demo – Trackwalking of shoreline to remove vegetation.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: July 7, 2010



Photo 4: Radiological Screening – Flipping large concrete debris from shoreline for rad screening on reverse side.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.)

Date: July 7, 2010



	CO	NTRACTOR PRO (ATTACH ADDITIONAL SH		PORT		DATE 08/JI	UL/10
	09-D-2608	,	R-07 & -18 at Parcel nd Soil Stockpiles at	Parcels D-1 and G,		REPORT NO	017
CONTRACTOR	Engineering	/Remediation Resources Gr		SUPERINTENDENT	Já	ames Nores	
AM WEATHER C	lear, cool	PM V	VEATHER Sunny, wir	ndy,mild		MAX TEMP (F) 70	MIN TEMP (F) 53
		1	WORK PERFO	RMED TODAY			
Schedule Activity No.		WORK LOCATION AND DESCRI	PTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew continue w	orking on demo of rad screening pad	s	ERRG	1	Superintendent	8
	Crew working or	n installation of rumble boxes at the R	CA entrance and at	ERRG	1	Construction Manager	0
	Donahue exit ne	ear the dirt/asphalt transition.		ERRG	1	Project Manager	0
	Crew working or	loading out the rad cleared concrete	and staging at the	ERRG	1	QC Manager	8
		ng 231 stockpile area.		ERRG	1	Tech Lead	8
	-	n placing the rip/rap bedding material	along the asphalt curb	ERRG	1	H&S Officer	8
	near the shoreling	ne.		ERRG	1	QC Staff	0
				ERRG	5	Equipment Operators	34
				ERRG ERRG	7	Laborers Truck Drivers	21
				Tetra Tech	3	Rad Techs	24
	1,	MANAGA TOR GAFETY MEETING HE	D THE DATES	Tella Tech		TOTAL WORK HOURS ON JO	
JO SAFE	В	WAS A JOB SAFETY MEETING HEL (If YES attach copy of the meeting mi		YES	□ NO	SITE, THIS DATE, INCL CON'T SHE	133
		WERE THERE ANY LOST TIME ACC (If YES attach copy of completed OS)	HA report)	YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	2190.5
(If YES attach state	ement or checklis	IG/SCAFFOLD/HV ELEC/HIGH WOF t showing inspection performed.)		YES	■ NO	TOTAL WORK HOURS FROM	0000 5
(If YES attach des		STE RELEASED INTO THE ENVIRO	NMENT?	YES	■ NO	START OF CONSTRUCTION	2323.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFETY IN	SPECTIONS CONDUCTED			SAFETY REQUIREMEN	TS HAVE BEEN MET.
02,03,04	Tailgate safety b	riefing, equipment inspections, crew	members required to don PI	DF's within 50' of the water	r		
	ERIAL RECEIVE	D TODAY TO BE INCORPORATED	IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Material F	Received				
		United Rentals Light Towers-3ea					
	AND PLANT EQI	JIPMENT ON JOB SITE TODAY. IN	DICATE HOURS USED AN	D SCHEDULE ACTIVITY	NUMBER.		
Schedule Activity No.	Owner	Description of Construction Equipment	ent Used Today (incl Make	and Model)			Hours Used
	Harris Blade	4K water truck					8
	ERRG	JD 200CLC Excavator					5
	Harris Blade	Cat 950 Loader					7
	United Rentals	25 KW Generators- 2ea					48
	Rental Solutions	+					12
	SCS Tracer	Air Monitoring Skids- 2skids					48
	Harris Blade	Cat 322 Long Reach					7
Schedule	United Rentals	Takehuchi skidsteer loader					/
Activity No.	REMARKS						
		ring on screening the concrete debri					
		placing excavated material into roll-cone United Rentals generator. Perfo	· · · · · · · · · · · · · · · · · · ·		near the IRU//IF	vio porder. Tr periorined exit s	oreening or all sampling
	oquipinioni and	one office residue generator. Petit	34 Shiranoo 36166111119 0	. o ngin toword.			
	1		Jar	nes Nores		7/8/10	
				CONTRACTOR/SUPERIN	TENDENT	DATE	

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 08/JU	JL/10)
	09-D-2608	TITLE AND LOCATION RA	at IR-07 & -18 at Parcel G; and Soil Stockpiles at	Parcels D-1 and G, I	tions at HPS, SF	REPORT NO 017	С	ont.
CONTRACTOR	Engineering	Remediation Resources	s Group. Inc.	SUPERINTENDENT	Já	ames Nores		
AM WEATHER			PM WEATHER	adv mild		MAX TEMP (F)	IIM	N TEMP (F)
C	clear, cool		Sunny, wi			70		53
Schedule				RMED TODAY	1		$\overline{}$	
Activity No.		WORK LOCATION AND DES	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
							\dashv	
	<u> </u>	WAS A JOB SAFETY MEETING	NUELD THIS DATE?			TOTAL WORK HOURS ON JOI	3	
JO	В	(If YES attach copy of the meeti		YES	□ NO	SITE, THIS DATE, INCL CON'T SHEE	ETS	
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of completed		YES	□ NO	CUMULATIVE TOTAL OF WOF HOURS FROM PREVIOUS		
		G/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE	? YES	□ NO	REPORT		
WAS HAZARDOU	S MATERIAL/WA	STE RELEASED INTO THE ENt and proposed action.)	,	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule			TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMEN	TS HAV	/E BEEN MET.
Activity No.								
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mate	erial Received					
CONSTRUCTION	AND PLANT EQU		Y. INDICATE HOURS USED AN	D SCHEDULE ACTIVITY N	UMBER.			
Schedule	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)			1	Hours Used
Activity No.	ERRG	JD310 Backhoe		,				7
	Harris Blade	Cat 735						0
	Harris Blade	2K Water Truck						7
	United Rentals	2K Water Truck						7
	Harris Blade	Cat LGP D-6 Bulldozer						8
	Harris Blade	Cat 735						0
	Harris Blade	Hyundai Long Reach Excavat	tor					0
Schedule	United Rentals	Light Towers						U
Activity No.	REMARKS							
			Jar	mes Nores		7/8/10		
				CONTRACTOR/SUPERINT	ENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D)-2608
DATE 7/8/	TIME 070	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy		77 77 77 77 77	
SPECIFIC LOCATION	1R-07+18			
	1 1 101	and Jamo Minin	1 car @ screening	MAD .
TYPE OF WORK	continue with	Ama action Propini	g rest & screening	1. Sharetin
	NIPIKAP DENAINS	piep, install Ku	mble strips, cont	nove PREP
	SAFETY TO	OPICS PRESENTED		
SAFETY TOPICS	EQUIPMENT PREMIN	ity, THATHE, WATER	SAFETY, STF, UNE	VOW, WET SUPFACE
PROTECTIVE CLOTHING		hat, safety glasses w/side shield		with sleeves,
long pants, st	teel-toed work boots. Gloves and	PFD (personal flotation device)	as necessary.	
-				
CHEMICAL HAZARDS	Potential for low level radiatio	n		
PHYSICAL HAZARDS	I MISE LUET SOIL . L	word surfaces, su	PPON SURFACES	
	trust, wer - ora, c	300000 3000 3000 3 20	17019 3 019-1023	
EMERGENCY PROCEDU	RES Employee to repo	rt any injury to Supervisor; Sup	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHO	NE 911/ 415-641-6625(ER	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc			
SPECIAL EQUIPMENT		None		
STECIAL EQUIT MENT		Hone		
NOTE:				
-				
		APPELLOCES		
NAME PRINTED		ATTENDEES COMPANY	SIGNATURE	
	SAC El	CRG	Van Hare	2
Viljamu Luc	4.75	1R61	11/10000	1
FERNANSC LO	in the	CPG	the same	
FAFAFI LOZ		W.C.	Sofa for The State	
		The state of the s	Win De	19°2
EnriqUE HIDIRTIM		129	Toll Court	
Lisa Braussianal		آفناف	John Bu),
Sharva Gail agh	× ×	7000	Ju De	
TOE CONNINSMAN		int.	1/2/20	
Adam Borg		Teci	- Weden	
Spric rouldo	11010	CCC	For Ferrito	. 40
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IKE PLANK	7	FREE!	FPLA	
Heather walle	UBUM	ERRE	als	
CHISIS NICOL	7	T	ch m	
Isidue 6Hu	IA T	1	tillo gricu	- /
Health & Safety Officer	DICK BR	SUPERINT	ENDENT A JAMES	Nones
1	M		1	2//
SIGNATURE	1 con	SIGNATUR	- much	come
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TAILGATE SAFETY MEETING

	1,		ATTENDEES	
******	DOMETER.	-		/ croud-time
SHOTIS JASON JAX	WALTHER	05	COUPUEL	STATURE STATURE STATUS CONTROL STATU
		\equiv		
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		\equiv		
ealth & Safe	ety Officer		SUPI	ERINTENDENT
GNATURE			SIGN	NATURE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy	
RGDay:	THURJDAY	Date:	7/8/10	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots			
Weather:	OVERCAST, WINDY	Page:	/ 0	f
Site Visitors:	See Tailgate Sign In Log.			
Description of Field A				
SAFETY TA	LIGATE - EQUIPMENT PROXIMITY , T	ENFFIC, L	oose fwat sell	, WATER
SAFOT	4			
Romoving	CLEMEOD RUBBLE FROM SCANNING P	AD, LOADING	WIND DUMP	TRUCK.
REMOVING	OLD RAD PADS			
INSTALLING	G RUMBLE BOXES AT BOOMAS ST & MAIN	N UNTYPHO	£ 70 12.67.	
CONTINUOD	WITH DUST CONTROL - 3 WATER TRUCKS &	DUST MON in	ors, DATARAMS	
CONTINUED	INSTALLING MONITOR WELL ENCLESURES	S, T-BARS	E SHOW FORCE	,
RELOCATION	O EAST ANCHOR OF SICT FENCE FURTH	OF OUT F	non spokards.	
BUILT	PAD FOR INCOMING FIP RAP MICHOT	or of Shou	LOUNG AT OLD F	over
LOCAT	TED AND BACK FRIM IT.			
PLACING	PUBBLE TO BESCANNED ON CLEMED SO	CANNING PI	00.	
EQUIPMO	AT IN USE: 3 WATER TRUCKS, EXCAVATO	R 2 DUMP	Mucks, OND in	aven,
	NURINE; SKIDETEER, BULL DOZOR.			
ned:	May	Date:	7/8/10	

AIR MONITORING LOG SHEET

Prepared by: Project Name:

DICK EPP

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 7/8/10 @ obs5

Client:

US NOVY 29-141

Project No.:

Page: Standard Used:

AR BAG

Location	Date	Time	CINE	nstrument Toog DataRAM	Comn	nents I d.B.A
#1	7/0/10	0716	0.019	0.018	10971	63.1
#2	1	0721	6.031	0.033	10972	61.9
#3		0726	0.015	0.026	10973	61.2
#1		0813	8:015	0.015	10971	58,1
#2		0817	0.024	6.023	10972	65,9
#3	/	6822	0.014	0.016	,0473	65,0
#1		0905	0.01	0.014	10971	74.1
#2		09/0	0.016	0.021	10972	64.4
# 3		0915	0.013	0.018	10973	68.8
共1		1024	0.007	0,013	10971	67.0
	/	1029	0.014	0.018	10972	64.7
#3		1034	0.012	0-016	10973	65.
共1		1248	0.007	0.010	10971	60.
#2		1213	0.016	0.016	10972	77.
#3		1259	0.035	0,013	16973	651
#1 REPLACED BATT.		1444	0.089	0.008	10971	57.5
#2		1448	0.013	6.015	10972	66.
Ħ3		1459	0.631	0.013	10973	60.
H2		1516	0,00	0.013	10972	63.
#1		1520	0.016	0.01-1	10971	60 3
					1000	
	1					
	V					
						1
# 1 - ON FENCE @ WI	NDSOCK , E	AST CIRU	ER AF CIT	E		
# 2 - MONITORING W			4			
#3 - ON FENCE @ WE	1	1 10 7	1.0			



DAILY STATUS REPORT IR-07 Remedial Action

|--|

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline and IR-07 site. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete debris removed from the shoreline (ERRG-A-IR07-019, ERRG-A-IR07-020, and ERRG-A-IR07-021). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- Bin waste characterization samples were collected from GFLU 001228 G8 and MFLU 001653 G8.
- An RCT performed incoming surveys on the following equipment: 3 light ballasts.
- An RCT performed outgoing surveys for free release on the following equipment: 1 12Kv generator and 1 air sampling station.
- Concrete debris surveyed under surveys ERRG-A-IR07-001 through ERRG-A-IR-07-003 and ERRG-A-IR07-008 through ERRG-A-IR07-010 was free released to ERRG. ERRG relocated this debris to ITSI stockpile location adjacent to Building 231.

_Daily Status Report Page 2 of 2

Issues/Items Pending Action

• None.

		CONTRACTOR QUALITY CONTROL REPORT REPORT REPORT						08/JUL/10				
	1		(ATTACH ADDITIONAL S	HEETS IF NECESSAF		07 8 18 of Doron D. C	NO	017				
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	TILE D-1, and	07 & -18 at Parcel B; S G; and Soil Stockpiles	at Parcels D-1 and	3, HPS. SF				
	WAS P	REPARATO	DRY PHASE WORK PREFORMED TODAY?	•		YES NO		-,,				
RY	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATOR	RY PHASE CHECKLIS	ST.							
PREPARATORY		nedule	Definable Feature of Work					Index#				
ZA]	Activ	vity No.										
ΑF												
Æ												
ᆸ												
			SE WORK PREFORMED TODAY?	- 011501/110T		YES NO						
		S, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST. Chedule Definible Fashing of Work										
AL		vity No.	Definable Feature of Work					Index #				
INITIAL												
=												
	WORK	COMPLIES	WITH CONTRACT AS APPROVED DURING IN	NITIAL PHASE?			YES NO					
	WORK	COMPLIES	WITH SAFETY REQUIREMENTS?				YES NO					
		nedule vity No.	Description of Work, Testing Performed & By W Section, Location and List of Personnel Present	hom, Definable Featur	e of Work, Specification	ation						
		-	,									
		02	Continued deconstructing the existing rac				oring wells and soil gas	probes,				
<u>Б</u>			verified that activities performed conform									
FOLLOW-UP		03	Installed rumble boxes at entrance to the		-		g top of shoreline betwe	en sections F and H,				
9			verified that activities performed conform		excavation and r	evetment checklist.						
OLI		04	Rad screening of large concrete debris fr	om shoreline.								
ш												
DEWORK	ITEMO II	DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BU	ICINITOC)	DEWORK ITEMS		A DEWORK ITEMS LIST					
Sched	lule I			JSINESS)	Schedule	CORRECTED TODAY (FROM I	REWORK HEWS LIST)					
Activity		Description			Activity No.	Description						
		Explain Any	Follow-Up Phase Checklist Item From Above Th	at Was Answered "NC	"), Manuf. Rep On-	Site, etc.						
Sched Activity		Description										
			ertify that this report is complete and correct and									
			d work performed during this reporting period is in awings and specifications to the best of my knowledg		Elizabeth B			7/8/10				
except as	noted in t	his report.		A	UTHORIZED QC N	MANAGER AT SITE		DATE				
			GOVERNMENT QUALITY ASSU			DATE						
QUALITY Sched	lulo I		RESENTATIVE'S REMARKS AND/OR EXCEPTI	ONS TO THE REPOR	II							
Activity		Description										
4296/2 (9/	98)				GOVERNMENT QU	JALITY ASSURANCE MANAG SH	GER HEET 1 OF 1	DATE				
,												

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 7/8/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	x			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Started removing existing rad pads on 6/29/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/8/2010

Shoreline Excavation and Revetment

7/8/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial				Filter rock stockpile in offloading area and stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				
Has the prepared base shall be approved by the Contracting Officer?	Follow up				
authorized by the Contracting Officer?	Follow up				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone? Have the securing pins been inserted through both strips of overlapped	Follow up Follow				
geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	ronow up Follow				
materials are placed to prevent tearing of geotextile or enlarging holes?	up Follow up				

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from	Follow				
contamination by surface runoff?	up				
Has any geotextile damaged during its installation or during placement	Follow				
of bedding materials or riprap been replaced?	up				
Has the geotextile been placed with the long dimension perpendicular to	Follow				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	up				
or creases?	_				
Have the strips been placed to provide a minimum width of 24 inches of					
overlap for each joint of the demarcation geotextile?	up				
Has the geotextile been covered with a layer of the filter rock within 7	Follow				
calendar days after placement of the geotextile? Have terminal ends of the geotextile been anchored in as shown on the	up Eallar				
design drawings?	Follow				
Has equipment been prevented from tracking across the unprotected	up Follow				
geotextile?	up				
Has the geotextile been placed on the prepared base in accordance with					
the details shown on the contract Drawings, and within the limits either	Follow				
shown on the contract drawings or staked in the field?	up				
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up				
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer					
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				
slope and the amount does not exceed 200 tons unless otherwise	up				
approved?	_				
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				
or riprap as a result of stockpiling been removed prior to placement?	up				
Has filter material been spread uniformly on the geotextile to the slope	Follow				
lines and grades as indicated on the contract drawings and in such	up				
manner as to avoid damage to the geotextile?	_				
Has placement of the filter rock and riprap begun at the bottom of the	Follow				
area to be covered and continue up slope?	up				
Have loads of the filter rock and riprap been placed against previously	Follow				
placed material in such a manner as to ensure a relatively homogenous	up				
mass?					
Has riprap been placed in such manner as to produce a well graded	Follow				
mass of rock with the minimum practicable percentage of voids?	up				
Has equipment been restricted from operating directly on the completed					
stone protection system?	up				
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				
which the least dimension is not less than one-third the length?	up Eallar				
Does the riprap along the lower edge of an area consist of the largest	Follow				
stones set in a trench so as to form a band? Except for spalls used to fill voids between larger stone, have stone	up				
been used in the exposed face of the riprap which will extend more than	Follow				
one-half the thickness of the riprap?	up				
	Follow	-			
Has the riprap been placed in one layer?					
Have spaces between the larger stones been filled with spalls and	up Follow			 	
smaller stones of the largest feasible size to form a compact mass?	up				
	Follow				
stones and clusters of larger stones?	up				
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				
and institusions completed work.	uр	Ь			

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual		X			
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/8/2010



Photo 1: Shoreline Excavation and Revetment - Installation of rumble box at entrance to

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: James Nores (ERRG, Inc.)



Photo 2: Shoreline Excavation and Revetment - Installation of rumble box at entrance to site.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 8, 2010





Photo 3: Shoreline Excavation and Revetment - Rumble boxes installed at entrance to RCA.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: July 8, 2010

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 4: Site Clearing and Demo – Deconstruction of existing rad screening pads. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Photographed by: Elizabeth Binning (ERRG, Inc.) Date: July 8, 2010





Photo 5: Radiological Screening - Removing rad screened concrete debris from RCA for offsite recycle.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.)

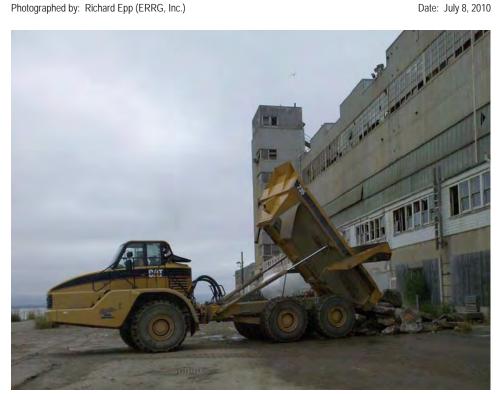


Photo 6: Radiological Screening - Stockpiling rad screened concrete debris by Buliding 231 for recycle.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Heather Wollenburg (ERRG, Inc.)



Date: July 8, 2010

	DATE 09/JUL/10									
	09-D-2608	TITLE AND LOCATION RA	IAL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO 018				
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	.l:	ames Nores				
AM WEATHER		Tromodiation (toodards)	PM WEATHER	L		MAX TEMP (F)	MI	N TEMP (F)		
C	clear, cool		Sunny, wi			70		53		
Schedule				ORMED TODAY	1					
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS		
02,03,04	Crew working or	n importing 1/4 ton rip/rap, 10 tru	ucks looping.	ERRG	1	Superintendent		8		
		n finishing the rad pad demolition		ERRG	1	Construction Manager		8		
		on flipping the concrete debris at	the concrete debris screening	ERRG	1	Project Manager		0		
	area.			ERRG ERRG	1	QC Manager Tech Lead		8 5		
				ERRG	1	H&S Officer		8		
				ERRG	1	QC Staff		3		
				ERRG	7	Equipment Operators		42		
				ERRG	7	Laborers		22		
				ERRG	5	Truck Drivers		32		
				Tetra Tech	3	Rad Techs		24		
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		■ YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		160		
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS		2323.5		
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	YES YES	■ NO	REPORT TOTAL WORK HOURS FROM	2483.5				
(If YES attach des	HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? Sattach description of incident and proposed action.) START OF CONSTRUCTION									
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BE									
02,03,04	Tailgate safety b	oriefing, equipment inspections,	crew members required to don P	PDF's within 50' of the water	r					
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER;)					
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received							
		1/4 ton rip/rap- 508.17tons								
CONSTRUCTION	AND PLANT FO	LIIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER					
Schedule	Owner	1	equipment Used Today (incl Make		TYOMBET.			Hours Used		
Activity No.	Harris Blade	4K water truck		<u> </u>				8		
	ERRG	JD 200CLC Excavator						8		
	Harris Blade	Cat 950 Loader						8		
	United Rentals	25 KW Generators- 2ea						48		
	Rental Solutions	s 25KW Generator-1ea						12		
	SCS Tracer	Air Monitoring Skids- 2skids						48		
	Harris Blade	Cat 322 Long Reach						0		
	United Rentals	Takehuchi skidsteer loader						7		
Schedule Activity No.	REMARKS									
	1		la.	mac Naraa		7/9/10	-			
			Jai	mes Nores CONTRACTOR/SUPERIN	TENDENT	DATE				

4296/2 (9/98) SHEET 1 OF 1

	CO	DATE 09/JUL/10							
	09-D-2608	TITLE AND LOCATION RA	IAL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO 018 cont.			
CONTRACTOR	Engineering	Remediation Resource	es Group Inc	SUPERINTENDENT	.1:	ames Nores			
AM WEATHER		Temediation resource	PM WEATHER			MAX TEMP (F)		TEMP (F)	
C	clear, cool		Sunny, wi			70		53	
	1		WORK PERFO	ORMED TODAY	1	1			
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
							-+		
							_		
						TOTAL WORK HOURS ON JOS	D		
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE,			
SAFE	TV	WERE THERE ANY LOST TIM	,	□	П	THIS DATE, INCL CON'T SHEE CUMULATIVE TOTAL OF WOR			
		(If YES attach copy of complete	. ,	YES	☐ NO	HOURS FROM PREVIOUS REPORT			
WAS CRANE/MAN (If YES attach state	NLIFT/TRENCHIN ement or checklis	IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	I WORK/ HAZMAT WORK DONE I.)	YES	☐ NO				
		STE RELEASED INTO THE EN	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION				
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED	D		SAFETY REQUIREMENT	TS HAVE	BEEN MET.	
Activity No.									
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHEE	DULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received						
							,		
CONSTRUCTION	AND PLANT EQI	<u> </u> JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY I	NUMBER.				
Schedule	Owner	Description of Construction E	Equipment Used Today (incl Make	e and Model)				Hours Used	
Activity No.	ERRG	JD310 Backhoe	1.7					7	
	Harris Blade	Cat 735						7	
	Harris Blade	2K Water Truck						7	
	United Rentals	2K Water Truck						7	
	Harris Blade	Cat LGP D-6 Bulldozer						8	
	Harris Blade	Cat 735						0	
	Harris Blade	Hyundai Long Reach Excava	itor					0	
Cabadula	United Rentals	Light Towers						0	
Schedule Activity No.	REMARKS								
								·	
				mes Nores	TENDENT	7/9/10			
				CONTINACTOR/SUPERIN	LENDENI	DATE			

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273	3-09-D-2608
DATE 7/9/	10 TIME 07	NO PROJECT NUM	BER 29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	TO THE RESERVE OF THE PROPERTY OF THE PARTY	ncor B		
TYPE OF WORK	IMONET ROLL		Shere line work	about setting
	up lad Pal	,	27470 3010	2,110.7
	SAFETY TO	OPICS PRESENTED		
SAFETY TOPICS	EgOIAMUNT TRAFFIC	& PAOXIMITY & C	VATOR SAFOTY, STAF	LOUSE + WOT SEC.
PROTECTIVE CLOTHIN			shields, reflective safety vest,	shirt with sleeves,
long pants, s	teel-toed work boots. Gloves and	PFD (personal flotation de	evice) as necessary.	
1				+
CHEMICAL HAZARDS	Potential for low level radiation	n		
PHYSICAL HAZARDS	SCIPPORY SURFACES	" UNOVOW LOOK	TY WAT GROWD	TRUCKS + EGUIPHAT
	7	(, ,	
EMERGENCY PROCEDU	RES Employee to repor	t any injury to Supervisor	; Supervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHO	911/ 415-641-662	5(ER) PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc	co, CA 941124		
SPECIAL EQUIPMENT		No	ne	
NOTE:				
		ATTENDEES	2701	and the ex-
Maura 1618		COMPANY	7 SIGNI	ATURE
	10 Tu 6	and	Coung	Drein
ENRIQUE MARTI	uec E	LR5	to Cart	1
FERNAND. 107	22 A	PP6_	- Jan	- figure
TROBENTO Agui	leva En	ne	Hill &	Ime
1		RE	(Recenter a)	alencia
Snann Gallau		PKG VWT	Di Coll	,
LISH Broyson	red	OWT	Dura Bry	-0
1/AUZO HASA	<u> </u>	ERRG	Dany Has	es ·
Adam Kern	Et.	1 CRI	Brown Jon	Mi
Heather Wollen		DERC	Direct	
JOE CUMMINGHAM		NWT	Jox Ju	
SIGHT WORKS		US/ERRE	Thor Wester	
Shirley M	20	146	Stuls	2
Hanth & Enter Off	D111 1500	cupe	DINTENDENT	Nec Norma
Health & Safety Officer	DIGKERP	SUPE	RINTENDENT	8
SIGNATURE //	1/my	SIGN	ATURE JUNE	01/1
/ /	//			



TAILGATE SAFETY MEETING

DATE	7/9/10	TIME	_	PROJECT NU	IMBER	29-141
			A	TTENDEES		
THU SH THU SH THU SH THE SHOT CHEE CH	TADER SINGH (ALTHES (Pristensor) (N) BEM M AT MITSHADA RIT SINGH COSC ON TOWNSON		COMPA FR SW AJ	ANY PROPERTY TAKE TAKE TAKE TAKE TAKE TAKE TAKE TAKE	PERINTE	SIGNATURE Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren Mark Ch M Jahren M
	Safety Officer					**************************************
SIGNATUR	RE			SIG	SNATURE	

AIR MONITORING LOG SHEET

ERRG

Prepared by:	DICK GPP	Client:	US NAVY
Project Name:	Hunter's Point Parcel B IR07/18	Project No.:	29-141
Site Location:	San Francisco, CA	Page:	/ of
Calibration (Date :		Standard Used:	AIR BAG

Location	Date	Time	cane In	strument 724 DataRAM	Comme	d BA
#1	7/9/10	8811	0.002	0.008	10971	66.2
#2	1	8817	0.002	0.007	10972	69,2
#3		0824	0.012	0.014	10973	82,0
杆/		0856	0.000	0.010	10971	6527
#2		0901	0.000	0.001	10972	77.
#3		0906	0.009	0.011	10973	58.0
生1		1008	0.000	0.006	10971	62,0
42		1012	0.010	0.000	10972	63.
#3		1016	6,006	0.009	10973	73.3
#1		1128	0.009	0.003	10971	64.8
#2		1133	0.000	0.001	10972	68,4
#3		1138	6.009	0.009	10973	79.5
#1		1247	0.004	0,003	10971	67.
#1		1253	0.008	0.000	10972	65.1
#3		1258	0,012	0.006	16973	66.1
#1		1251	0.022	0,003	10971	64,5
11-2		1359	0.004	0.001	10972	65.6
43		1408	0.009	0.015	11973	64.
#3 #2		1500	0.011	0.005	10973	74.2
#2		1504	0.000	0.001	10972	63.0
#1		1515	0.815	0,065	18971	54.1
						-
#1 - WIND 50CK	FENCE]
#3 - FENCE AT .	JUNCTIAN OF IR	TEIB, WES	END		-	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the	Navy	
RG _{Day:}	FRIDM	Date:	7/9/10		
roject Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141		
leather:	OVERET, MIST	Page:	1	of	1
ite Visitors:	See Tailgate Sign In Log.				
escription of Field A					
	THOOSE SOIL, WATER SAFETY.	THUCKS	DUMPING	RIP BAP	, STF=
	D SOIL/ POR GRAVER MIX.	av PAD	MADE FR	ean oci	p
CONTINU	ING WITH OLD RAD PAD ROMOUNT				
CONTINU	I'VE WITH SHOKETINE CLOSEN &	/ S GITATION	& RUBB	ie	
ASSISTA	is TOTAL TOOK WITH SCANNING, LONE	ing Il w	ASTE IN BI	NS.	
CONSTRU	cring scrooning AREA FOR SHORELLA	EXCAVA	TOD MAT	SAIAL	
STAKIO	IG OUT EXCLUATION AROTH FOR 100' TEX	T SECTION.	F ROVETH	5UT	
,	WENT IN USE: 3 WATER THICKS, EXCAUM	TOR, BACK	HOD, SKID	льже, D	UHP
ned:	Man	Date:	5/9/	/a	



					H	leavy		_		fects						
Inspected By (Initials) And Date:	7-1	6-1	MAL	7-	7-1	BUEL	87	W.S.	RL	7-	9-1	A RO				
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
res and rims	V			V			V			U						
racks			7			W			1			0				
teps and handgrips	W			V			V			0						
Guards on moving parts?	V			U			V			0						
ingine belts and hoses				U			V			U						
luid levels acceptable?	V			V						9						
oading/lifting capacity marked?	V			J			V			P						
Seat belt operative?	V			V			U			U						
ire extinguisher present?	V			V						4						
Vindows and mirrors unbroken?	V			W			1			0						
Sauges operative?	1			V						0						
Sattery charged?	V			V			1			M						
Vindshield wipers operative?	V			D			V			Ø						
Horn operative?	V						W			U						
Back up alarm operative?	V			M			U			4						
ights and signals operative?	V			V			W			U						
Steering and other controls	V			V			V			0						
Brakes	U			V			W			4						



Equipment Type: HARRYS ZK WATER TRUCK Identification Number: CA LIC. 8E72320 Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment Rental X ERRG | **Heavy Equipment Defects** Inspected By (Initials) And Date: 1-6-10 FC/6 Defect(s): Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Tires and rims X X Tracks Steps and handgrips Guards on moving parts? Engine belts and hoses M Fluid levels acceptable? Loading/lifting capacity marked? Seat belt operative? Fire extinguisher present? W Windows and mirrors unbroken? Gauges operative? Battery charged? X Windshield wipers operative? X Horn operative? Back up alarm operative? Lights and signals operative? Steering and other controls Brakes Explain corrective actions taken:



Inspected By (Initials)	lane				H	leavy	Equi	ipme	nt De	fects	,	1.00			Mest	
And Date:	1/94	orfa	Hole	1 pm	3/7.	Toe	fm	78	Wed	K	pi	Thy	m	7/16	The I	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims				K			A			1			M			
racks						K			/			N			Z	
Steps and handgrips				K			K			N			X			
Guards on moving parts?				W			N			K			Z			
Engine belts and hoses				1			V			V			Z			
Fluid levels acceptable?				K			X			0			Ó			
oading/lifting capacity marked?				Ø			7			N			K			
Seat belt operative?				M			A			V			Ø			
Fire extinguisher present?				R			V			W			1			
Windows and mirrors unbroken?				DE			1						1			
Gauges operative?				N			X			K			4			
Battery charged?				W			V			L			K			
Windshield wipers operative?				A			W			0			A			
Horn operative?				W			1			Z			1			
Back up alarm operative?				R			N			X			Z			
Lights and signals operative?				W	N		D	Z		W	D		Z			Wed right out
Steering and other controls				X			W			V			7			1990 NEW 1.9W OW
Brakes				K			Z			M			Z			



Towns and Builtering			My		F	leavy	Equi	pmei	nt De	fects		MH				
Inspected By (Initials) And Date:	7-	8-10	DH	73	101	OFT	7-8	9-1	DAY	7-1	(9-	OOH				
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims			X			Z			X			A				
Fracks	X			X			X			N						
Steps and handgrips	X			X			X			X						
Guards on moving parts?	X			X			Z			X						
Engine belts and hoses	X			X			X			X						
Fluid levels acceptable?	图			X			M			T						
Loading/lifting capacity marked?			X			X			X			X				
Seat belt operative?	N			X			Z			X						
Fire extinguisher present?	区	X		X			X			M						
Windows and mirrors unbroken?	7			X			X			X						
Gauges operative?	×			X			A			X						
Battery charged?	X			N.			X			X						
Windshield wipers operative?	×			X			Z			X						
Horn operative?	X			X			X			X						
Back up alarm operative?	X			X			X			X						
Lights and signals operative?	X			Z			X			X						
Steering and other controls	X			×			X			X						
Brakes	X			X			Ø			K						



Inspected By (Initials) And Date:	1.6	8-	RA 10		,	leavy	Equi	ipme	nt De	fects						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	9															
Tracks			X													
Steps and handgrips	W															
Guards on moving parts?	V															
Engine belts and hoses	V															
Fluid levels acceptable?	U															
Loading/lifting capacity marked?	4															
Seat belt operative?	4															
Fire extinguisher present?																
Windows and mirrors unbroken?																
Gauges operative?	9															
Battery charged?	7															
Windshield wipers operative?																
Horn operative?	V															
Back up alarm operative?	~															
Lights and signals operative?	V															
Steering and other controls	2															
Brakes	~															



					Н	leavy	Equi	pme	nt De	fects		JII.	,			
Inspected By (Initials) And Date:	7-	1	ME RI	7-	421	GRA	7-	8-1	offe	7-	9-	10				
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims			X			W			B						X	
Tracks	U			V			4									
Steps and handgrips	V						9						V			
Guards on moving parts?	-			V			V						v			
Engine belts and hoses	-		-0	V			V						~			
Fluid levels acceptable?	4			V			U						4			
Loading/lifting capacity marked?	L			V			v						U			
Seat belt operative?	P)*			V			U						L			
Fire extinguisher present?				V			V						V			
Windows and mirrors unbroken?	4			V			U						1			
Gauges operative?	1			V			V						V			
Battery charged?	2			V			9						L			
Windshield wipers operative?			V			V			V						4	
Horn operative?	[i-			V			U						V			
Back up alarm operative?	1			V			V						U			
Lights and signals operative?	L			V			W.						4			
Steering and other controls	4			V			4						V			
Brakes	V		T	V	П	П	V						4	П		



A 11 1 1 1 1 1 2 2 1 1 1 1 2 2 2 2 2 2 2					F	leavy	Equi	pme	nt De	fects		0				
Inspected By (Initials) And Date:	7/4	F	RM	7/7	B	PM	7/8	B	PM	7/9	В	PM				
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims			X			X			A			#				
racks	X			X			X			X						
Steps and handgrips	X			X			X			X						
Guards on moving parts?	X			X			X			X						
Engine belts and hoses	X			X			X			K						
fluid levels acceptable?	X			X			X			X						
oading/lifting capacity marked?	×			X			X			X						
Seat belt operative?	X			X			V			X						
Fire extinguisher present?	X			V			X			×						
Windows and mirrors unbroken?	X			X		10	X			X						
Gauges operative?	X			X			X			¥						
Battery charged?	X			X			X			K						
Windshield wipers operative?	X			X			V			×						
Horn operative?	M			X			X			K						
Back up alarm operative?	X			X			X			18						
Lights and signals operative?	X			X			X			X						
Steering and other controls	X			V			X			X						
Brakes			X			X			X			Y				



					1	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	7-6 EM	-16	My	7-7	-10	MG	Z.X EM		Me	7.9	-10	MI				
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
ires and rims	B											25				
racks			. 2							M						
teps and handgrips						187				麒						
luards on moving parts?						7,0										
ingine belts and hoses																
luid levels acceptable?			- 🗆				(2)			CO						
oading/lifting capacity marked?				100			19			22						
eat belt operative?	層						9									-8
ire extinguisher present?										聽						1
Vindows and mirrors unbroken?																
Sauges operative?				愛												
Battery charged?				400												
Vindshield wipers operative?						1			100			2				
Horn operative?	9															
Back up alarm operative?	2						-									
ights and signals operative?	9									88						
Steering and other controls																
Brakes										M						-14



roject Number / Name: 29			- 02		-	leavy								lenta		ERRG
Inspected By (Initials) And Date:		6-	10	7:	/	olk		8-			9 -	1014		-		
	Yes	No	N/A	Yes	No	N/A	Yeş		N/A	Yes		N/A	Yes	No	N/A	Defect(s):
ires and rims				D			Z			7						
racks						U			7			N				
teps and handgrips	II,									N						
uards on moving parts?	A						4			0						
ingine belts and hoses	1			Ø			D			V						
luid levels acceptable?	N			7			Ø			Ø,						
oading/lifting capacity marked?	V			d			Ø,			Ø						
eat belt operative?	M			Ø			Y			12						
ire extinguisher present?		Ø		Ø			Ø,									
Vindows and mirrors unbroken?	V			Ø			Ø			V						
lauges operative?	Z,			Z			Ø,			12						
attery charged?	V			Z,			N			I						
Vindshield wipers operative?	1			Ø			Z			N						
lorn operative?	1			Ø,			Ø									
ack up alarm operative?	V			Ø,			d			N						
ights and signals operative?	Ø			0			d			1						
teering and other controls	1			1			Ø,			Ø						
rakes	Ø			Ó			1			Ø						
plain corrective actions taken:	FUI	1 1	C	10	000	- (10		7.	1	10					



Inspected By (Initials)	Heavy Equipment Defects										P	dell				
And Date:	1			1	1		7	7	-10MM	17.	-8	-10	7-	-92	90	
ires and rims	Yes	Ne	N/A	Yes	No	N/A	Yes	No.	N/A	Yes	No.	N/A	Yes	No	N/A	Defect(s):
racks			A			D	0,		V			Z			D	
iteps and handgrips			7				II,			V			Q.			
Guards on moving parts?			4			Ø	Ø			M,			N			
Engine belts and hoses			P				N			M			V			
luid levels acceptable?					Ø		V						T			
oading/lifting capacity marked?				0/			Ø			D/			M			
eat belt operative?		0		Ø			M			R			N			
ire extinguisher present?		Ø		D			T			M			X			
Vindows and mirrors unbroken?				0	D		W			H			N			
Sauges operative?		A			D		W.						1			
Battery charged?						D	V						M			
Vindshield wipers operative?			A			D	D.			X			V			
Horn operative?							V			W			V			
Back up alarm operative?			V		A		V			Z			D			
ights and signals operative?			1		1		V			Z			W			
Steering and other controls		4		D			1						Q			
Brakes		6					6			D)			D-			



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site
 activities. Radiological air monitors were deployed prior to performing any invasive or
 dust generating activities at both upwind and downwind locations. RCA postings were
 routinely checked.
- Provided radiological support of debris removal activities along the shoreline and IR-07 site. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Bin waste characterization samples were collected from BKRU026398 G11 and GFLU 001164 G11.

Issues/Items Pending Action

• None.

		CONTRACTOR QUALITY (ATTACH ADDITIONAL SHE			RT	DEDODT	JUL/10 018					
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parcel B; Soil H	otspot Locations	at Parcels B,					
		ORY PHASE WORK PREFORMED TODAY?		D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF					
RΥ		Γ AND ATTACH SUPPLEMENTAL PREPARATORY I	PHASE CHECKLIS	т.								
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index#					
4R.A												
EP/												
PR	 											
	WAS INITIAL PH	ASE WORK PREFORMED TODAY?			YES NO							
		FAND ATTACH SUPPLEMENTAL INITIAL PHASE C	CHECKLIST.		TES NO []							
Ļ	Schedule Activity No.	Definable Feature of Work					Index#					
INITIAL	03	Shoreline Excavation and Revetment										
Z	04	Radiological Screening and Remediation										
	WORK COMPLIE	S WITH CONTRACT AS APPROVED DURING INITI	IAL DHACE2		VEO	■ NO □						
		S WITH SAFETY REQUIREMENTS?	IAL PHASE?		YES YES	NO NO						
	Schedule Activity No.											
	02	Finished deconstructing the existing rad scr	eening pads, ver	ified that activitie	es performed conformed to the s	ite clearing and dem	olition checklist.					
Д	03	O3 Continued placing 6" bedding material along top of shoreline between sections F and H, imported and stockpiled riprap along top of shoreline,										
FOLLOW-UP	<u> </u>	verified that activities performed conformed to the shoreline excavation and revetment checklist.										
.Lo	04	04 Rad screening of large concrete debris from shoreline.										
FOL												
_												
	<u> </u>											
REWORK	ITEMS IDENTIFIE	LED TODAY (NOT CORRECTED BY CLOSE OF BUSI	INESS)	REWORK ITEMS	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)						
Sched Activity		'n		Schedule Activity No.	Description							
REMARKS	S (Also Explain An	y Follow-Up Phase Checklist Item From Above That \	Was Answered "NC	"). Manuf. Rep On-	Site. etc.							
Sched Activity	ule Description			,,	,							
		certify that this report is complete and correct and										
complianc	ce with the contract of	and work performed during this reporting period is in drawings and specifications to the best of my knowledge		Elizabeth B	inning MANAGER AT SITE	-	7/9/10					
except as	noted in this report.	GOVERNMENT QUALITY ASSURA			DATE		DATE					
QUALITY /	ASSURANCE REF	PRESENTATIVE'S REMARKS AND/OR EXCEPTION			DATE							
Sched Activity		n										
	+											
4296/2 (9/9	98)		(GOVERNMENT QU	JALITY ASSURANCE MANAGER SHEET 1	I OF 1	DATE					

	INITIAL PHASE CHECKL	IST	SPEC SECTION	, 35 31 19	DATE 09/JUL/10				
CONTRACT NO	O DEFINABLE FEATURE OF WORK		SCHEDULE ACT		INDEX#				
N6247	3-09-D-2608 Shoreline Excavation and Revetm	ent	C)3					
_	GOVERNMENT REP NOTIFIED 24 HOURS IN ADVANCE:	1	YES 🔳	NO 🗌					
	NAME	POSITION		COMPANY/GOVER	RNMENT				
PERSONNEL PRESENT	Elizabeth Binning	Quality Control Manager		ERRG					
PRI	Shirley Ng	ROICC		Navy					
	James Nores	Superintendent		ERRG					
Z	Richard Epp	SSHO ERRG							
ő	Heather Wollenburg	Technical Lead		ERRG ERRC					
1.85 1.85 1.85 1.85 1.85 1.85 1.85 1.85	Vicente Valencia	Laborer		ERRG					
2	Vilamu Lelei	Laborer		ERRG					
	Roberto Agulera	Laborer		ERRG					
PROCEDURE COMPLIANCE	IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED COMMENTS: Procedures are in compliance. All submittals have I			CATIONS, AND SUE	:MITTALS.				
>	ENSURE PRELIMINARY WORK IS COMPLETE AND CORRECT. I								
PRELIMINARY WORK	Will finish preparing the 6" bedding layer for the riprap prior to offloat	ding riprap from trucks.							
:LIMIN/ WORK									
NG N									
Ä									
<u> </u>									
WORKMANSHIP	ESTABLISH LEVEL OF WORKMANSHIP. WHERE IS WORK LOCATED? IR-07 Shoreline at Parcel B, HPS, SI	=							
Ž									
Σ×	IS SAMPLE PANEL REQUIRED?	YES							
OR	WILL THE INITAL WORK BE CONSIDERED AS A SAMPLE? (IF YES, MAINTAIN IN PRESENT CONDITION AS LONG AS POSS	YES IBLE AND DESCRIBE LOCATION OF							
Š	SAMPLE)		100-foot tes	t section will be com	pleted from the toe to the fill line				
	for ROICC approval. When sufficient excavated soil has been screen	ened, the fill and top portion of the revet	ment will be constru	ucted in a second 10)0-foot test section for ROICC				
	approval prior to construction of the upper portion of the revetment a	long the rest of the shoreline.							
z	RESOLVE ANY DIFFERENCES.								
잍	COMMENTS: No differences were identified.								
Ė									
SO									
RESOLUTION									
	PENTEN IOD CONDITIONS HOUSE THE STATE OF THE								
≥	REVIEW JOB CONDITIONS USING EM 385-1-1 AND JOB HAZARE								
CHECK SAFETY	COMMENTS: EM 385-1-1 & site specific AHAs reviewed by SSI	10.							
SA									
X									
¥									
ؿ									
	OTHER ITEMS OR REMARKS								
2	Other personnel present at meeting: Rafael Loza (Laborer, ERRG),	Fernando Loza (Laborer, ERRG), Osca	r Orozco (Laborer,	ERRG), Ken Mark (Laborer, ERRG),				
отнек	Boris Portillo (Laborer, ERRG), Enrique Martinez (Laborer, ERRG),				· · · · · · · · · · · · · · · · · · ·				
Ö	Sharon Gallagher (Rad Tech, NWE), Adam Berry (Rad Supervisor,				<u> </u>				
		, ,	,,	,, 2)					
		Elizabeth Binning			7/9/2010				
		QC MANAGER			DATE				
		·							

4296/2 (9/98) SHEET 1 OF 1

	INITIAL PHASE CHE	CKLIST	SPEC SECTION	IA	DATE 09/JUL/10					
CONTRACT N		I Daniel Park	SCHEDULE ACT N	NO.	INDEX#					
N6247	3-09-D-2608 Radiological Screening and		_)4						
⊢	GOVERNMENT REP NOTIFIED 24 HOURS IN ADVA	i .	YES 🔳	NO 🗆	NAME OF THE OWNER OWNER OF THE OWNER OWNE					
PERSONNEL PRESENT	NAME	POSITION		COMPANY/GOVER	RNMENT					
ES	Elizabeth Binning	Quality Control Manager ROICC		ERRG						
PR	Shirley Ng James Nores	Superintendent		Navy						
ᆸ	Richard Epp	SSHO		ERRG						
Z	Heather Wollenburg		Technical Lead ERRG							
S	Vicente Valencia	Laborer		ERRG						
Ë	Vilamu Lelei	Laborer		ERRG						
	Roberto Agulera	Laborer		ERRG						
PROCEDURE COMPLIANCE	IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED AT PREPARATORY. COORDINATE PLANS, SPECIFICATIONS, AND SUBMITTALS. COMMENTS: Procedures are in compliance. No submittals are required for this DFOW.									
>	ENSURE PRELIMINARY WORK IS COMPLETE AND COMP	•								
PRELIMINARY WORK	Deconstruction of existing rad pads will be completed toda	y prior to construction of new rad pad.								
:LIMIN/ WORK										
M.E.L.II										
N.										
•										
WORKMANSHIP	ESTABLISH LEVEL OF WORKMANSHIP. WHERE IS WORK LOCATED? IR-07 at Parcel B, HPS, SF IS SAMPLE PANEL REQUIRED? WILL THE INIITAL WORK BE CONSIDERED AS A SAMPI (IF YES, MAINTAIN IN PRESENT CONDITION AS LONG SAMPLE)	YES [LE? YES [
RESOLUTION	RESOLVE ANY DIFFERENCES. COMMENTS: No differences were identified.									
~										
CHECK SAFETY	REVIEW JOB CONDITIONS USING EM 385-1-1 AND JOE COMMENTS: EM 385-1-1 & site specific AHAs review									
SAF										
X										
Э́										
ؿ										
	OTHER ITEMS OR REMARKS									
ER	Other personnel present at meeting: Rafael Loza (Laborer,	, ERRG), Fernando Loza (Laborer, ERRG), Osca	r Orozco (Laborer,	ERRG), Ken Mark (I	Laborer, ERRG),					
отнек	Boris Portillo (Laborer, ERRG), Enrique Martinez (Laborer,	ERRG), David Hasal (Laborer, ERRG), Lisa Bro	ussard (Rad Tech,	NWE), Joe Cunning	ham (Rad Tech, NWE),					
0	Sharon Gallagher (Rad Tech, NWE), Adam Berry (Rad Su	pervisor, TtEC), Russell Jackson (Laborer, ERRC	G), Scott Worthingto	on (Laborer, ERRG)						
		Elizabeth Binning			7/9/2010 DATE					

4296/2 (9/98) SHEET 1 OF 1

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 7/9/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Started clearing debris from shoreline on
Demolition, Sec 1.1)?	Follow up		X		6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/9/2010

Shoreline Excavation and Revetment

7/9/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place	Follow up				
material? Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				
Has the prepared base shall be approved by the Contracting Officer?	Follow up				
authorized by the Contracting Officer?	Follow up				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone? Have the securing pins been inserted through both strips of overlapped	Follow up Follow				
geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	up Follow				
materials are placed to prevent tearing of geotextile or enlarging holes? Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	up Follow up				

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from	Follow				
contamination by surface runoff?	up				
Has any geotextile damaged during its installation or during placement	Follow				
of bedding materials or riprap been replaced?	up				
Has the geotextile been placed with the long dimension perpendicular to	Follow				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	up				
or creases?	_				
Have the strips been placed to provide a minimum width of 24 inches of					
overlap for each joint of the demarcation geotextile?	up				
Has the geotextile been covered with a layer of the filter rock within 7	Follow				
calendar days after placement of the geotextile? Have terminal ends of the geotextile been anchored in as shown on the	up Eallar				
design drawings?	Follow				
Has equipment been prevented from tracking across the unprotected	up Follow				
geotextile?	up				
Has the geotextile been placed on the prepared base in accordance with					
the details shown on the contract Drawings, and within the limits either	Follow				
shown on the contract drawings or staked in the field?	up				
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up				
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer					
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				
slope and the amount does not exceed 200 tons unless otherwise	up				
approved?	_				
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				
or riprap as a result of stockpiling been removed prior to placement?	up				
Has filter material been spread uniformly on the geotextile to the slope	Follow				
lines and grades as indicated on the contract drawings and in such	up				
manner as to avoid damage to the geotextile?	_				
Has placement of the filter rock and riprap begun at the bottom of the	Follow				
area to be covered and continue up slope?	up				
Have loads of the filter rock and riprap been placed against previously	Follow				
placed material in such a manner as to ensure a relatively homogenous	up				
mass?					
Has riprap been placed in such manner as to produce a well graded	Follow				
mass of rock with the minimum practicable percentage of voids?	up				
Has equipment been restricted from operating directly on the completed					
stone protection system?	up				
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				
which the least dimension is not less than one-third the length?	up Eallar				
Does the riprap along the lower edge of an area consist of the largest	Follow				
stones set in a trench so as to form a band? Except for spalls used to fill voids between larger stone, have stone	up				
been used in the exposed face of the riprap which will extend more than	Follow				
one-half the thickness of the riprap?	up				
	Fellow	-			
Has the riprap been placed in one layer?	Follow				
Have spaces between the larger stones been filled with spalls and	up Follow			 	
smaller stones of the largest feasible size to form a compact mass?	up				
	Follow				
stones and clusters of larger stones?	up				
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				
and institusions completed work.	uр				

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/9/2010



Photo 1: Shoreline Excavation and Revetment – Installation of 6 inch bedding material for riprap.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 2: Shoreline Excavation and Revetment – Unloading of riprap along top of shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 9, 2010



Date: July 9, 2010



Photo 3: Shoreline Excavation and Revetment – Stockpiled riprap along top of shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 9, 2010



Photo 4: Shoreline Excavation and Revetment – Rad screening riprap trucks prior to exiting the RCA

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 9, 2010



Photo 5: Site Clearing and Demo – Completed deconstruction of existing rad screening pads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 9, 2010



	CC		RODUCTION RE	PORT		DATE 12/J	IUL/10	0
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	REPORT NO	019)			
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER		//terriculation resource	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
C	lear, cool		Sunny, wi			70		53
	l		WORK PERFO	RMED TODAY	1	1		İ
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew working or	n the first 15' section of shoreline	e revetment today. Excavate	ERRG	1	Superintendent		10
	to specified grad	de lines, place filter fabric with sp	pecified overlaps and key-ins.	ERRG	1	Construction Manager		10
	Place filter rock	and 1/4 ton rip rap to the specifi	ed grades. Crew working on	ERRG	1	Project Manager		8
			g area. Crew working on placing	ERRG	1	QC Manager		10
	additional beddi	ng material for rip rap import ton	norrow.	ERRG ERRG	1	Tech Lead H&S Officer		10 8
				ERRG	1	QC Staff		0
				ERRG	6	Equipment Operators		45
				ERRG	7	Laborers		26
				ERRG	3	Truck Drivers		17
				Tetra Tech	3	Rad Techs		24
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		168
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		2483.5
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE .)	? YES	■ NO	REPORT TOTAL WORK HOURS FROM	1	
		ASTE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		2651.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		■ SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
02,03,04								
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	D SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions SCS Tracer	S 25KW Generator-1ea Air Monitoring Skids- 2skids						12 48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						7
Schedule Activity No.	REMARKS							
				N.I		7/40/4		
				nes Nores CONTRACTOR/SUPERIN	TENDENT	7/12/10 DATE	J	

4296/2 (9/98) SHEET 1 OF 1

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 12/JU	JL/10)	
	09-D-2608	TITLE AND LOCATION RAP	REPORT NO 019	C	ont.			
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1	ames Nores		
AM WEATHER		Tromodiation (coodings)	PM WEATHER			MAX TEMP (F)	1IM	N TEMP (F)
C	clear, cool		Sunny, wi			70		53
	1		WORK PERFO	ORMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JO	В	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEI	ETS	
SAFE		WERE THERE ANY LOST TIME		YES	□ NO	CUMULATIVE TOTAL OF WOR HOURS FROM PREVIOUS		
WAS CRANE/MAN	NLIFT/TRENCHIN	IG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE			REPORT		
,		t showing inspection performed.	,	YES	☐ NO	TOTAL WORK HOURS FROM		
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION		
Schedule Activity No.								
EOLIIDMENT/MAT	EDIAL DECEIVE	D TODAY TO BE INCORDORA	ATED IN JOB (INDICATE SCHE	NIII E ACTIVITY NII IMPERI				
Schedule	Submittal #	Description of Equipment/Mat		DOLE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/wat	teriai i veceiveu					
Schedule	AND PLANT EQU	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY I	NUMBER.		1	
Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used
	ERRG	JD310 Backhoe						6
	Harris Blade	Cat 735					\longrightarrow	7
	Harris Blade United Rentals	2K Water Truck 2K Water Truck					\rightarrow	7
	Harris Blade	Cat LGP D-6 Bulldozer					-	4
	Harris Blade	Cat 735						4
	Harris Blade	Hyundai Long Reach Excava	ator					8
	United Rentals	Rentals Light Towers (3ea)						8
Schedule Activity No.	REMARKS							
							-	
				mes Nores		7/12/10)	
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard		CONTRACT #	N64273-09-D	0-2608
DATE 7/12/	70 TIME	0400	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Nav	у			
SPECIFIC LOCATION	IR-07 4-18				
TYPE OF WORK		HONT SO	IL SCANNING PAL	, EXCAURTE FOR F	ROVUMOU
	ASSIST TETRA T				
	SAF	ETY TOPIC	S PRESENTED		
SAFETY TOPICS	WORKING ON SINON	zwi - wi	ET, SLIPPERY, SPET	TORS ROP'D FOR SQUIP	
PROTECTIVE CLOTHING long pants, s			afety glasses w/side shields (personal flotation device)	s, reflective safety vest, shirt as necessary.	with sleeves,
CHEMICAL HAZARDS	Potential for low level	radiation			
PHYSICAL HAZARDS	EquiPMENT, The	UKS; WO	+ SUPPORY SURP	ICGS	
EMERGENCY PROCEDU	RES Employee	to report any	injury to Supervisor; Supe	rvisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE	911/ 415-641-6625(ER)		911
HOSPITAL ADDRESS	3555 Cesar Chavez, San		Transaction of	, , , , , , , , , , , , , , , , , , ,	
SPECIAL EQUIPMENT	ooo caa anaray an	runeisco _j ci	None		
SI COME EQUIT MEIT	-		Hone		
WW. DOWNER			ATTENDEES	CICHATURG	
NAME PRINTED	/	COMP	ANY	SIGNATURE	
Villager 1414	A	ZIKK	6	1200	cor.
SAR	000000	Call	6	S Chr.	kenn
ENRIQUE MARTIN	u62	ERR	6	The Mann	>
Fernando Gaza	× 1	ERRI	0	for A	7
Soberto Ha	DEA	EUL	-	Tay to Inge	na
Menta VALE	NCIA	ERR	6. 4	Depente alese	neis
Scott worthing	rtau	Herr.	SIERRE	Met Wully	
Sharon Galla	ihv	HARRIS	<u>/EH6</u>	Suther	
DAUED HAS	AL	ERK	4	Dan How	>
11 APM	dura.	-FK		1000	
JOHN SOURIAL	aug	GRR	6	4	
42 Binn		ERI	24	TOTAL .	
KARISA MIU	200	_ 16	ENVIROR	TIVI	1
Health & Safety Officer	2 DIUS EPP		SUPERINTE	PHOENT MAMES	NORS-
SIGNATURE ///	1/m		SIGNATURE	KMM, C	11 hor
				10110	4



TAILGATE SAFETY MEETING

DATE	7/12/10	TIME _	_	PROJECT NUMBER	29-141
			AT	TENDEES	
JASON JSI OAI ACENCIA ACENCIA	RIS NACU dur STEXO S HUTCHES		COMPAN NWT TT TT V:W	47-	SIGNATURE Ap Vige Signature Algund Signature Algund Signature
JUA	RUIZ W LOVALO		ESPINO	5.73 	South of the state
		Ì			
Health & Sa	afety Officer			SUPERINT	ENDENT
SIGNATUR	E			SIGNATUR	RE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Na	vve			
RGDay:	MONDAY	Date:	7/12/10				
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots						
Weather:	CLERR	Page:	1	of	1		
Site Visitors:	See Tailgate Sign In Log.						
Description of Field A							
	POTTERS, TRAPPIC, WORKING IN PEG		VERTACOT, E	gvipn	in		
San Street	LOD FABRIC FOR SHOROWN ROVOT		evidition Caso	teno			
	AD SCANNING . HAVED EXCIVETOR M						
	4 RIPPAP IN 15- 15' SECTION.	stared FA	ABBIC, FIL	TON PA	ck_		
EAR	LY START 0400 TO TARE LOVANT	ngo of L	ow Tipo,		_		
Ron	OVED AUBBLE FROM DIFFERENT O	HORETHIS I	arkaar		=		
ASSI	STOD TOTAL TOTAL WITH SCANNING O	F EUBBUS	- Beinging	RUBBL	S.		
π	SCHUNNIS AFOR & TURNING OVER RO	cks & conce	erre ,	-	_		
50	PEDADING EXCAVATED SOIL FOR DI	eying.					
CO	NSTRUCTING PAD FOR TOMORRAGO'S PIPRAP I	DET NOVIEC					
EQUIPMO	NT IN USE; WATER TRUCKS, 2 L	ONG REACH	is, EXCAVAT	or,			
					wens.		
SKID	NT IN USE: WATER TRUCKS, 2 LI STEER, OND BOADOR, BACKHOE, 2 DOZER				wens,		
SKID	STEER, OND BOADOR, BACKHOE, 2				wens,		

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name: DICK EPP

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

7/12/10

Client:

US NAVY

Project No.:

Page: Standard Used:

APR BAG

Location	Date	Time	CONC. In	DataRAM	Comme	nts dBA
#1	7/12/10	0430	0.008	0.013	10971	58:
#2	1	0437	0.003	05001	10972	38
43		0442	0,010	0,011	10973	61.
# /		0538	0.025	0.015	10971	62
# 2		0600	0.000	0.012	10912	61.
# 3		0605	0.012	0-012	10973	63.
		0705	0.018	0.017	10971	63.
#3		0712	0.000	0.007	10972	57
#3		0517	0.012	0.013	16973	62
#(0818	0.013	01017	10971	62
#2		0832	0.000	0.005	10972	59
#3		0836	0.009	0:012	10973	62
#1		0910	0.009	0.017	10971	60.
#2		0916	0.001	0,004	10972	72
*3		0920	0.017	08011	10973	62
#1		1001	0.014	0.017	10971	64.
#2		1009	0.001	0:004	10972	57
#3		1013	0.009	0.010	10973	61,
#1		1113	0.019	0.017	10971	68
#2		1117	0 .001	0:003	10972	64.
#3		1121	0.009	0.010	16973	62.
#3		1210	0,005	0.010	10973	65.
#3 *2		1215	6.620	6.003	10972	66.
# BATTOMY DEND		1220			10971	-
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	V			1		
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- montrone u	OOL 5-4					,
- FONCE, NW J		127+18				



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-022, ERRG-A-IR07-023, and ERRG-A-IR07-024). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.

Issues/Items Pending Action

• None.

	CONTRACTOR QUALITY CONTROL REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY) DATE 12/JU REPORT NO 01									
PHASE	CONTRACT NO	NTRACT NO N62473-09-D-2608 CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HI								
		ORY PHASE WORK PREFORMED TODAY?	<u> </u>	D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF			
RY	·	/ES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.								
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index #			
AR,										
REF										
<u>а</u>										
		ASE WORK PREFORMED TODAY?			YES NO					
	Schedule	/ES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST. Schedule Definable Feature of Work Inde								
INITIAL	Activity No.									
Z										
		S WITH CONTRACT AS APPROVED DURING INIT	IAL PHASE?		YES YES	NO NO				
	Schedule Activity No.	Description of Work, Testing Performed & By Whol Section, Location and List of Personnel Present	m, Definable Featu	re of Work, Specific	ation					
	02	Continued removing large concrete debris f	rom shoreline, v	erified that activit	ies performed conformed to the	site clearing and der	molition checklist.			
Ъ	03	Continued placing 6" bedding material alor								
FOLLOW-UP		HG1L (lower portion of the first 15 feet between revetment checklist.	en section H ar	nd G), verified tha	t activities performed conformed	to the shoreline exc	avation and			
LLC	04	Rad screening of large concrete debris from	n shoreline, cons	structed new rad	screening pad, unloaded and sp	read spoils from sho	reline excavation			
Б		on rad screening pad.								
REWORK	ITEMS IDENTIFIE	ED TODAY (NOT CORRECTED BY CLOSE OF BUSI	INESS)	REWORK ITEMS	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)				
Sched Activity		on .	,	Schedule Activity No.	Description	,				
REMARKS	S (Also Explain An	y Follow-Up Phase Checklist Item From Above That	Was Answered "N	O"), Manuf. Rep On-	-Site, etc.					
Sched Activity	ule Description									
equipment compliance	t and material used a	certify that this report is complete and correct and und work performed during this reporting period is in drawings and specifications to the best of my knowledge		Elizabeth B	inning MANAGER AT SITE	-	7/12/10 DATE			
		GOVERNMENT QUALITY ASSURA			DATE					
QUALITY /	ule I	PRESENTATIVE'S REMARKS AND/OR EXCEPTION	IS TO THE REPOR	RT						
Activity		on								
4296/2 (9/9	98)		-	GOVERNMENT QU	UALITY ASSURANCE MANAGER SHEET 1	I OF 1	DATE			

Site Clearing and Demolition

Date: Elizabeth Binning
Inspector: 7/12/2010

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Started clearing debris from shoreline on
Demolition, Sec 1.1)?	Follow up		X		6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/12/2010

Shoreline Excavation and Revetment

7/12/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	The Callerine and in
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L
Has equipment been restricted from operating directly on the completed stone protection system?	up				20/20/20
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap delivered on 7/9/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band? Except for spalls used to fill voids between larger stone, have stone	Follow up				
been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		x			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/12/2010



Photo 1: Radiological Screening and Remediation – Installation of new rad screening pad.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.)



Photo 2: Shoreline Excavation and Revetment – Excavation of section HG1L along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 12, 2010

Date: July 12, 2010



Photo 3: Shoreline Excavation and Revetment - Excavation of section HG1L along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: July 12, 2010

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 4: Shoreline Excavation and Revetment – Completed excavation and preparation of subgrade in section HG1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: July 12, 2010





Photo 5: Shoreline Excavation and Revetment – Installation of geotextile in section HG1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 12, 2010



Photo 6: Shoreline Excavation and Revetment – Installation of filter rock in section HG1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 12, 2010





Photo 7: Shoreline Excavation and Revetment – Installation of riprap above filter rock in section HG1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: July 12, 2010

Photographed by: Elizabeth Binning (ERRG, Inc.)

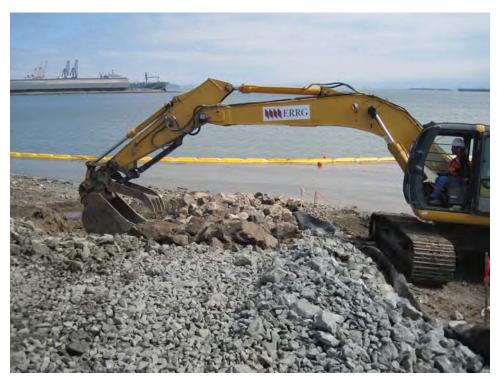


Photo 8: Shoreline Excavation and Revetment – Installation of riprap above filter rock in section HG1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 12, 2010

	CO		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 12/J	IUL/10)
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	020)
CONTRACTOR	Enginocring	Remediation Resources	s Group, Inc	SUPERINTENDENT	l:	ames Nores		
AM WEATHER	Liigineeniig/	Remediation Resources	PM WEATHER		- 00	MAX TEMP (F)	MI	N TEMP (F)
С	lear, cool		Sunny, wi	ndy,mild		70		53
			WORK PERFO	RMED TODAY	+	i		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew continue w	orking on the shoreline revetme	ent- 30' section today	ERRG	1	Superintendent		12
	connecting to the	e 15' foot section from yesterday	y- excavate to specified grade	ERRG	1	Construction Manager		12
	lines and depth-	place filter fabric with specified	overlaps and key-ins, place	ERRG	1	Project Manager		8
		r rock and cap with 1/4 ton rip ra		ERRG	1	QC Manager		12
		end dumps looping from Syar i	-	ERRG	1	Tech Lead		6
		, ,	th Tetra Tech flipping the debris	ERRG	1	H&S Officer		8
		areas to be scanned. Crew wo		ERRG	1 7	QC Staff		0
	bedding material	for rip rap import along the asp	nait curb on the shoreline.	ERRG ERRG	7	Equipment Operators Laborers		26
				ERRG	3	Truck Drivers		18
				Tetra Tech	3	Rad Techs		24
		WAS A JOB SAFETY MEETING		YES	□ №	TOTAL WORK HOURS ON JOSITE,	OB	170
JO SAFE	TV	(If YES attach copy of the meeti WERE THERE ANY LOST TIM	,		_	THIS DATE, INCL CON'T SHI CUMULATIVE TOTAL OF WO		170
WAS CRANE/MAN		(If YES attach copy of complete		∐ YES	■ NO	HOURS FROM PREVIOUS REPORT		2651.5
(If YES attach state	ement or checklist	t showing inspection performed. STE RELEASED INTO THE EN	.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		2821.5
	cription of incident	t and proposed action.)		YES	■ NO	_		
Activity No.	LIST SAFETY AG	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	riefing, equipment inspections,	crew members required to don P	DF's within 50' of the water				
FOLIIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	NULE ACTIVITY NUMBER)				
Schedule	1	1	`	OLL ACTIVITY NOMBLIN				
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
		1/4 ton Rip Rap- 15 loads ,33	35.64 tons					
CONSTRUCTION	AND PLANT FOL	IIPMENT ON IOR SITE TODA'	Y. INDICATE HOURS USED AN	ID SCHEDI II E ACTIVITY N	JUMBER			
Schedule	Owner	1	quipment Used Today (incl Make		VOIVIDEIX.			Hours Used
Activity No.	Harris Blade	4K water truck	- Today (mor wake	and Modely				8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						7
Schedule Activity No.	REMARKS							
	Tetra Tech provi	ided us with the exit screening	for the water truck that needs re	pair- water truck demobiliz	ed today, replac	ement water truck already in u	se.	
	Navy RPM on si	te today- Lara Urizar and ROIC	C PE- Shirley Ng to inspect the I	revetment construction.				
	Weekly QC mee	ting today at the Tetra Tech tra	ailer compound- ERRG attendee	es: John Sourial, Liz Binnin	g, Dick EPP and	Brad Hall		
				mes Nores		7/13/10)	
				CONTRACTOR/SUPERINT	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE	EPORT		DATE 12/JUL/10		
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 020) c	ont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1	ames Nores		
AM WEATHER		Terriodiation resources	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
C	clear, cool		Sunny, wi			70		53
	1		WORK PERFO	ORMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	
						TOTAL WORK HOURS ON JO	NP.	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	□ NO	SITE,		
SAFE	TV	WERE THERE ANY LOST TIM	,	□ 	П	THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO		
		(If YES attach copy of complete	. ,	YES	□ NO	HOURS FROM PREVIOUS REPORT		
WAS CRANE/MAN (If YES attach state	NLIFT/TRENCHIN ement or checklis	IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	I WORK/ HAZMAT WORK DONE .)	YES	☐ NO			
		STE RELEASED INTO THE EN	NVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	ITS HA	VE BEEN MET.
Activity No.								
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
		1						
CONSTRUCTION	AND PLANT EQI		Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY I	NUMBER.			
Schedule	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used
Activity No.	ERRG	JD310 Backhoe	* * * * * * * * * * * * * * * * * * * *	·				6
	Harris Blade	Cat 735						7
	Harris Blade	2K Water Truck						6
	United Rentals	2K Water Truck						6
	Harris Blade	Cat LGP D-6 Bulldozer						8
	Harris Blade	Cat 735						6
	Harris Blade	Hyundai Long Reach Excava	ator					8
Cabadula	United Rentals	Light Towers (3ea)						8
Schedule Activity No.	REMARKS							
			Ja	mes Nores	TENDENT	7/13/10)	
				CONTRACTOR/SUPERIN	I EINDEN I	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 7/13	10 TIME 043	PROJECT NUMBER	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	IR-07+18		
TYPE OF WORK		reverment 30	se line to lay Turn
	Continue Elina	ninte on sing	vine AS
	DIPHAP, TUP C	AILICIE ON SCIAN	ing piece
SAFETY TOPICS		PICS PRESENTED	
	WATER SAFETY, STY		
PROTECTIVE CLOTHING	teel-toed work boots. Gloves and		, reflective safety vest, shirt with sleeves,
		- 4	
August Various Co	2 6 8 0 12 5 7 2 8 5 7 2 8 5 7		
CHEMICAL HAZARDS	Potential for low level radiation		
PHYSICAL HAZARDS		LARGE ROCK MOVE	most , Equipment oformores
_ TRUCK		and the same of th	des tit. COLO
EMERGENCY PROCEDU	The second second second second	any injury to Supervisor; Super	CONTRACTOR AUTOR
HOSPITAL/CLINIC	St. Lukes Hospital PHON		PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco	o, CA 941124	
SPECIAL EQUIPMENT		None	
NOTE:			
		i	
		ATTENDEES	
NAME PRINTED		OMPANY LKGC	SIGNATURE
DILLIAN LEI	20000	enco	Charle Olone
	RTIUCZ E	RRE	Gol March
TERNANDO 100		RRG	112
PAPAEL LA	EDILPH E	RRG	regard from
ZIOH WOJA	whister B	ENG & ERRCE	Market
RUSSEII JACK		eis/Errb	Rue Scole
Sharon Galla	gher	Teer	and and and and and and and and and and
JOHN SOUNTAL (Y. E	ekG_	
VICENTEVALE	VUIT ER	R6	perily places
TY AM RING		RCG	4
DAV ED HASA	E) E	2126	Danit Harry
Boing Parchillo	ER	ns :	Borry Portle
LHY SHIMOUR	SINGH E	CAN -	Silles U. R
puller Kalin	100	-	Maria de la companya della companya
Health & Safety Officer	DICK ORP	SUPERINTE	NDENT HAN185 MISS
SIGNATURE //	W.	SIGNATURE	Som till ken
-/-	1000		- January III



TAILGATE SAFETY MEETING

ATE	7/13/10	TIME		PROJECT N	UMBER .	79 - IYI
				TTENDEES		
NAME PR	INTED		COMPA	ANY		SIGNATURE
NAME PRI ELISHIA TUSWINDER BONNY DIKE TO ATA UN SATUSA SHINEY IN HOLLING	IDER SINGH Singh Sanotan OGERS IZUS MILLER MODERS			TRK K TRK HA TIL TRK VIRON FILED SE BRY REL CA		SIGNATURE Jahren Sollie Mille Poster Regulation SISSE STATE Jahren Sollie J
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ealth & Safety	Officer			sı	PERINTE	NDENT
GNATURE				SI	GNATURE	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the N	avy	
RGDay:	TUESDAY	Date:	7/13/10		
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:			
Veather:	CLOUDY	Page:	1	of	1
Site Visitors:	See Tailgate Sign In Log.	- 1.1			
Description of Field A	Activities:				
SAFETY TA	HEATE - SUPPORY SURFACES, LAR	GO POUR	HOVEHUNT,	Equip	HONT
@ Pon	LATTONS, TOUCK TRAIGHT.				-
10	TO SCANNING PAD, INDITAL FILTER FAD				000
DIE	TO SCANNING PARTY, MOVING FILL ER PAIS	Me, Prin	THE MELL MAN	pur ni	
priering	DED RAD PAD MATTHIN DOWN ALONG SH	ORGENS TOP	AS A BOD I	t-one	
RIPY	LAP.				
REGUED	MORE RIPHAP, TRUCKED iN 4/ OND	DUMPS,			
40.0		v o :		7	_
ASISTO	TOTHER TOCH, THENING OFFER SCHWED DO	15045			
DUST C	DETROL CONTINUES, CLEANING TIRES .	45 NOSO	D		
					_
Press of the second	1.1- 2 Nava - 1	1 0	admint 0		
	USE ! 3 WATON TRUCKS , 2 DUMP TRUCK				_
EXCAUATO	A, BULLDOZOTZ, ENDLOLDER, SKIDST	EER, 3 LIG	HT TO WOR	5	-
	200 4				_
gned:	VICIM	Date:	7/13/10	5	
- //	11000		-11-110		

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

DIUL GP0 Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

7/13/10@ 0405

Client: Project No.:

Page:

US WAVY 29-141

Standard Used:

ARBAG

Location	Date	Time	eave. Ins	DataRAM	Comr	nents & B
#1	7/13/10	0.45%	0.009	0.014	10971	155,6
#2	' '	0500	0.006	0.006	16972	68.5
#3		0506	0.000	6.000	10973	62.4
41		0631	0.01	0.009	10971	6511
#2		0619	0.016	0.616	10972	68,0
77		0623	0.000	0.000	6973	63.4
Hi		0737	0.020	0.016	10971	64.9
#1		0745	0.018	0.017	10972	56.4
#3		0749	0.000	0.000	10973	60.1
#1		0844	0,024	0.018	10971	65.4
#1		0857	0.019	0.017	10972	68.3
		0905	0.011	0.000	10973	61.2
#3		0951	0.009	0.018	10971	61.4
II		0959	0.010	0.016	10972	67.6
#3		6002	0.000	0.000	10973	62.4
#1 CHANGOO MATT		1130	0.018	0.016	10971	61.3
#2		1135	6.010	0.016	10972	69.7
#3		449	0.005	0.000	16973	62.8
#3 DUAD DATT		1423	-		10973	62.4
HZ DEAD MATT		1435	_	~	10978	60.8
#1		1440	0,010	6,014	10991	58.4
1 - WIND SOCK 2 - MONITORICE U	vou s-4			1115-315-31		



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-025, ERRG-A-IR07-026, and ERRG-A-IR07-027). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-011, ERRG-A-IR07-012, and ERRG-A-IR07-013. No activity above the release criteria was identified in surveys ERRG-A-IR07-011 and ERRG-A-IR07-012. For survey ERRG-A-IR07-013, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u> <u>LLRW Bin #</u> ERRG-A-IR07-013-003 to be designated _Daily Status Report Page 2 of 2

Issues/Items Pending Action

• None.

		CONTRACTOR QUALITY (ATTACH ADDITIONAL SHE			RT	REPORT	JUL/10 020						
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT TITL	RA at IR-	07 & -18 at Parcel B; Soil H	otspot Locations a	at Parcels B,						
111/102			CONTINUE III	D-1, and	G; and Soil Stockpiles at Pa YES □ NO ■	rcels D-1 and G,	HPS, SF						
۲		PREPARATORY PHASE WORK PREFORMED TODAY? S, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.											
101	Schedule Activity No.	Definable Feature of Work					Index#						
PREPARATORY	7 totivity 140.												
EP/													
PR													
	MARCHETTAL DI	LASE WORK PRESCRIPTION AND											
		HASE WORK PREFORMED TODAY? IT AND ATTACH SUPPLEMENTAL INITIAL PHASE (CHECKLIST.		YES NO								
_	Schedule Activity No.	Schedule Definable Feature of Work											
INITIAL	Activity No.												
Z													
		ES WITH CONTRACT AS APPROVED DURING INIT ES WITH SAFETY REQUIREMENTS?	IAL PHASE?		YES YES	NO NO							
	Schedule Activity No.	Description of Work, Testing Performed & By Who Section, Location and List of Personnel Present	m, Definable Feature o	f Work, Specifica	ation								
	02	Continued removing large concrete debris f	rom shoreline, verifi	ed that activiti	es performed conformed to the	site clearing and der	nolition checklist.						
Ы	03	Continued placing 6" bedding material alo	<u> </u>										
FOLLOW-UP		HG2L (lower portion of the second section	(35 feet) between cr	oss sections l	H and G), verified that activities	performed conforme	ed to the shoreline						
-Lo	04	excavation and revetment checklist. Rad screening of large concrete debris from	n shoreline, unloade	ed and spread	spoils from shoreline excavation	n on rad screening p	ad.						
F01	•	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5											
		_											
REWORK	ITEMS IDENTIFI		INESS) RE	WORK ITEMS	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)							
Sched Activity		ion		Schedule Activity No.	Description								
REMARKS	S (Also Explain A	ny Follow-Up Phase Checklist Item From Above That	Was Answered "NO")	Manuf Ren On-	Site etc								
Sched Activity	ule Descript	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	a.a	0.00, 0.00								
71011711		rtain was detached from the northeast edge	e of the shoreline a	and some of	the anchors by vandals. Depl	oyed a boat to pull	in end of the						
	silt cur	tain and reattached the silt curtain to shore	eline. Will reattach	anchors onc	e new hardware arrives.								
On behalf	of the contractor	certify that this report is complete and correct and											
equipment compliance	t and material used e with the contract	and work performed during this reporting period is in drawings and specifications to the best of my knowledge		izabeth Bi		-	7/13/10						
except as	noted in this report			HORIZED QC N	MANAGER AT SITE		DATE						
QUALITY /	ASSURANCE RE	GOVERNMENT QUALITY ASSUR			DATE								
Sched Activity	ule Descript												
Activity	NO.												
4296/2 (9/9	98)		GO	VERNMENT QU	JALITY ASSURANCE MANAGER SHEET 1	OF 1	DATE						

Site Clearing and Demolition

Date:	7/13/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Started clearing debris from shoreline on
Demolition, Sec 1.1)?	Follow up		X		6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings(02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/13/2010

Shoreline Excavation and Revetment

7/13/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	up				The following sections meet this requirement: HG1L, HG2L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	The following gotions
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L
					Damaged geotextile at the top of HG1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to	F 11				
the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L
Have the strips been placed to provide a minimum width of 24 inches of					The following sections meet this
overlap for each joint of the demarcation geotextile? Has the geotextile been covered with a layer of the filter rock within 7	up Follow				requirement: HG1L, HG2L The following sections meet this
calendar days after placement of the geotextile?	up				requirement: HG1L, HG2L
Have terminal ends of the geotextile been anchored in as shown on the	Follow				The following sections meet this
design drawings?	up				requirement: HG1L, HG2L
Has equipment been prevented from tracking across the unprotected	Follow	X			
geotextile with the exception of equipment with low ground pressure? Has the geotextile been placed on the prepared base in accordance with	up				
the details shown on the contract Drawings, and within the limits either	Follow				The following sections meet this
shown on the contract drawings or staked in the field?	up				requirement: HG1L, HG2L
Has drop heights of the filter rock and riprap been minimized to meet	Follow	X			
the project specification?	up	Λ			
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow	X			
fines, and contains no refuse?	up				
Is the temporary storage area for the riprap and filter stone no closer	Falles				Riprap stockpiled on 7/9/2010 and
than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise	Follow up				7/13/2010 meets this requirement
approved?	up				7/13/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				The following sections meet this
or riprap as a result of stockpiling been removed prior to placement?	up				requirement: HG1L, HG2L
Has filter material been spread uniformly on the geotextile to the slope	Follow				The following sections meet this
lines and grades as indicated on the contract drawings and in such	up				requirement: HG1L, HG2L
manner as to avoid damage to the geotextile?	-				,
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous	Follow				The following sections meet this
mass?	up				requirement: HG1L, HG2L
Has riprap been placed in such manner as to produce a well graded	Follow				The following sections meet this
mass of rock with the minimum practicable percentage of voids?	up				requirement: HG1L, HG2L
Has equipment been restricted from operating directly on the completed		37			,
stone protection system?	up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				Riprap delivered on 7/9/2010 and
which the least dimension is not less than one-third the length?	up				7/13/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest	Follow				The following sections meet this
stones set in a trench so as to form a band?	up				requirement: HG1L, HG2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than	Follow				The following sections meet this
one-half the thickness of the riprap?	up				requirement: HG1L, HG2L
Has the riprap been placed in one layer?	Follow			X	
Have spaces between the larger stones been filled with spalls and	up Follow				The following sections meet this
smaller stones of the largest feasible size to form a compact mass?	up				requirement: HG1L
	Follow				The following sections meet this
stones and clusters of larger stones?	up				requirement: HG1L, HG2L
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				
Have cross sections been taken on lines 25 feet apart, measured along	Follow				
the structure reference line, with readings at 5-foot intervals and at	up				
beaks along the lines?					

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10 and 7/13/2010 meets the gradation and product description identified in the riprap submittal.
Calibration				X	nprap suomittai.

QC Manager:	Date:
Elizabeth Binning	7/13/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section HG2L along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, CaliforniaPhotographed by: Elizabeth Binning (ERRG, Inc.)
Date: July 13, 2010



Photo 2: Shoreline Excavation and Revetment – Excavation of section HG2L along shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 13, 2010



Photo 3: Shoreline Excavation and Revetment – Installation of geotextile in section HG2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 13, 2010



Photo 4: Shoreline Excavation and Revetment – Installation of filter rock in section HG2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 13, 2010





Photo 5: Shoreline Excavation and Revetment – Placement of riprap in section HG2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 13, 2010



Photo 6: Shoreline Excavation and Revetment – Completed revetment in section HG2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 13, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 14/J	UL/10)	
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	Parcels D-1 and G,		REPORT NO	021	
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER		Tremediation resources	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
C	lear, cool		Sunny, wi			70		53
	1		WORK PERFO	ORMED TODAY	1	 		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew continue v	vorking on the shoreline revetme	ent- 40' section today	ERRG	1	Superintendent		10
	connecting to th	e 30' foot section from yesterday	y- excavate to specified grade	ERRG	1	Construction Manager		10
	lines and depth-	place filter fabric with specified	overlaps and key-ins, place	ERRG	1	Project Manager		0
	· ·	r rock and cap with 1/4 ton rip ra		ERRG	1	QC Manager		10
	areas to be scar	w working with Tetra Tech flippin	ng the debris on the screening	ERRG ERRG	1	Tech Lead H&S Officer		10
	areas to be scar	illed.		ERRG	1	QC Staff		0
				ERRG	6	Equipment Operators		44
				ERRG	7	Laborers		21
				ERRG	4	Truck Drivers		23
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		162
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		2821.5
		NG/SCAFFOLD/HV ELEC/HIGH st showing inspection performed.	WORK/ HAZMAT WORK DONE .)	YES YES	■ NO	REPORT TOTAL WORK HOURS FROM	1	
	DUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? escription of incident and proposed action.) 2983.5							2983.5
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.							
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
EQUIPMENT/MAT Schedule	I	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER;)			
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
		+						
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals							48
	Rental Solutions SCS Tracer	S 25KW Generator-1ea Air Monitoring Skids- 2skids						12 48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						7
Schedule Activity No.	REMARKS		_					
	l			NI		7/4 4/4	`	
				mes Nores CONTRACTOR/SUPERIN	TENDENT	7/14/1(DATE	J	

4296/2 (9/98) SHEET 1 OF 1

	CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						UL/10)
	09-D-2608	TITLE AND LOCATION RA	at IR-07 & -18 at Parcel G; and Soil Stockpiles at	Parcels D-1 and G, I	tions at HPS, SF	REPORT NO 021	С	ont.
CONTRACTOR	Engineering	Remediation Resources	Group, Inc.	SUPERINTENDENT	J	ames Nores		
AM WEATHER			PM WEATHER	ndy mild		MAX TEMP (F)	MI	N TEMP (F)
	clear, cool		Sunny, wi	DRMED TODAY		70		53
Schedule								
Activity No.		WORK LOCATION AND DES	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
							\longrightarrow	
							\longrightarrow	
JO		WAS A JOB SAFETY MEETING		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of completed		YES	□ NO	CUMULATIVE TOTAL OF WOI HOURS FROM PREVIOUS		
		G/SCAFFOLD/HV ELEC/HIGH the showing inspection performed.)		? YES	□ NO	REPORT		
WAS HAZARDOU	S MATERIAL/WA	STE RELEASED INTO THE EN t and proposed action.)		YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.						VE BEEN MET.	
ACTIVITY NO.								
							-	
	ERIAL RECEIVE	D TODAY TO BE INCORPORAT	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mate	erial Received					
	AND PLANT EQU	JIPMENT ON JOB SITE TODAY	'. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY N	UMBER.			
Schedule Activity No.	Owner	Description of Construction Eq	uipment Used Today (incl Make	and Model)				Hours Used
	ERRG	JD310 Backhoe						5
	Harris Blade	Cat 735						7
	Harris Blade	2K Water Truck						7 7
	United Rentals Harris Blade	2K Water Truck Cat LGP D-6 Bulldozer						8
	Harris Blade	Cat 735						7
	Harris Blade	Hyundai Long Reach Excavat	or					8
	United Rentals	Light Towers (3ea)						8
Schedule Activity No.	REMARKS	•						
			. lar	mes Nores		7/14/10)	
				CONTRACTOR/SUPERINT	ENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D	-2608
DATE 7/19	/10 TIME	PROJECT NUMBE	R 29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07+18	PARCOL B		
TYPE OF WORK	Continue she	reline Revetmen	of Add on on	to RAd
	pad, conti	nve Flipping /101	ad our of dex	ris
	SAFE	TY TOPICS PRESENTED		
SAFETY TOPICS		AFFIC, WATER SWEETY,	STYF, SLIPPONY SON	CENCE I
PROTECTIVE CLOTHIN	G/EQUIPMENT	Hardhat, safety glasses w/side shi	elds, reflective safety vest, shirt v	
long pants, s	steel-toed work boots. Glove	s and PFD (personal flotation device	e) as necessary.	
CHEMICAL HAZARDS	Potential for low level ra	diation		
PHYSICAL HAZARDS	Equipment, uni	NOW SURFACUS		
EMERGENCY PROCEDU	IRFS Employee to	report any injury to Supervisor; Su	inervisor notify SSHO	
HOSPITAL/CLINIC		FACE TO THE PROPERTY OF THE PAR	R) PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Fra	Control of the Contro		
SPECIAL EQUIPMENT		None		
		11000		
NOTE:				
_				
		ATTENDEES		
NAME PRINTED		COMPANY	SIGNATURE	
VICENIE VAL	ENCIA_	EKKB	Street Rales	wo
SOL WITH	1	HUNCLERAL	Through	
DAUSO HA	SAC	ERRY	DantHarel	
Sharon Galla	gher.	NOT	Sugar	
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PAFAEL L	52A	ERRE	Papal Joyce	
444	Tillez	ERRG	Trophy Mills	
FERNANDO LOZ	loca	ENTE	Does Olor	5
the post	W LIA	ELIC		
52 BINAIA	4	ERRY		
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KATUSAT MILL	enbura	10 ENVR	Shim	7
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	2		Manto	Nova
Health & Safety Officer	D196 1500	SUPERIN	TENDENT / ALVES	110005
SIGNATURE ///	1/1mm	SIGNATI	JRE COUNCE	May



TAILGATE SAFETY MEETING

	ATTENDEES	
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alth & Safety Officer	SUPI	ERINTENDENT
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GNATURE		NATURE

DAILY FIELD ACTIVITY LOG

	Richard Epp	Client:	Dept of the Navy
Prepared by: RGDay:	EN OUNUSDAY	Date:	7/14/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		29-141
Veather:	CLEAR	Page:	/ of
Site Visitors:	See Tailgate Sign In Log.	. 107-50	
Description of Field			
	OLL, LOOSE, WOT SOIL, SCIPPORTY SUBFA		, WITTER SAFETY, LARGE
CORTINUIA RIPR	IS WITH SHORELINE EXCAVATION, INS	TALLING F	ABRIC, FILTON DOCK &
	IG RUBBLE FROM SHEREINE, MOVE		
	NO WITH DUST CONTROL MONITORING O	on a princy	BASIS, GONORATER
HAVLIN	G CLEANED CONCRETE RUBBLE OFF SITE		
-			
	- IN USE :3 WATER TRUCKS, 2 LONG		and the second s
	- IN USE :3 WATER TRUCKS, 2 LONG DADER, BACKHOE, SKID STUDE, 2 D		and the second s
IDAY D	and the same of the control of the c		and the second s

AIR MONITORING LOG SHEET

ERRG US WAVY 29-141

of

Prepared by: Project Name: DICK ETP

Hunter's Point Parcel B IR07/18

Site Location: San Francisco, CA

Calibration (Date and Time): 7/14/10 @ 0576

Client:

Project No.:

Page:

Standard Used:

MR BAG

Location	Date	Time	cave in	strument 7004	Comm	
			0,012		11071	61.5
#/	7/14/10	0531		0.030	10971	1
#2		0546	0.072	0.019	10972	65.7
#3	+	0552	0,010	0.011	10973	65.8
#1	1	0636	6.032	0,022	10971	
#2	1		0.034	0.027	10972	57.0
#3		0640	0.010	0.007	10973	63.4
#1	+	0730	0.012	0.023	10971	60.7
#2 #-2	-	07.38	0.031	0.029	10972	63.8
#3	1	0742	0.006	0.007	10973	63.1
#1	+-+-	0845	0.014	0.020	10971	6511
机	1-1-	0853	0.014		10972	64.2
#3	-	0857	0.000	0.005	10973	61.7
41	+	0933	0.009	0.018	10971	66.1
#2	+	0957	0.012	0.025	10972	64.7
#3		1001	0.006	0.004	10973	61.8
机		1647	0.010	0.016	10971	62.
#2	1-1-	1052	0.013	0,024	10972	67.1
±3		1057	0.002	0:003	10973	61.5
#1	1 1	1141	0,002	6.015	10971	65,6
t2		1/53	0.010	0.023	10972	63.
崭		1157	0.000	0:003	10973	160,8
#3		1316	0.001	0.00	10973	66,1
#2	W	1315	0,00	0.021	10972	64.7
# 1 BATTORY DISAD	U	1322	8		10971	67.7
					-	-
#1 FENCE @ W	IND SACK					
# 2 MENTORMS W	and the second s					
#3 FORCE @ NW	DO TO-	07+18 Just	Tim			



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-028). A total of 36 pieces were surveyed. In addition, 36 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-014 through ERRG-A-IR07-019. No activity above the release criteria was identified in surveys ERRG-A-IR07-015, ERRG-A-IR07-017, and ERRG-A-IR07-019. For surveys ERRG-A-IR07-014, ERRG-A-IR07-016, and ERRG-A-IR07-018, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-014-032	to be designated
ERRG-A-IR07-016-017	to be designated
ERRG-A-IR07-016-032	to be designated

_Daily Status Report Page 2 of 2

ERRG-A-IR07-016-033	to be designated
ERRG-A-IR07-016-034	to be designated
ERRG-A-IR07-018-009	to be designated
ERRG-A-IR07-018-010	to be designated
ERRG-A-IR07-018-011	to be designated
ERRG-A-IR07-018-022	to be designated
ERRG-A-IR07-018-028	to be designated
ERRG-A-IR07-018-034	to be designated

Issues/Items Pending Action

• None.

		CONTRACTOR QUALIT			PRT	DATE 14 REPORT	/JUL/10 021		
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT	RA at IR-	-07 & -18 at Parcel B; Soil H	Ino Iotspot Locations	at Parcels B,		
TTINGE		TORY PHASE WORK PREFORMED TODAY?	001111101	D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G	HPS, SF		
۲×		JT AND ATTACH SUPPLEMENTAL PREPARATORY	Y PHASE CHECKLI	ST.	ILS NO				
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index#		
\RA	Activity No.								
EP.									
PR									
		HASE WORK PREFORMED TODAY? JT AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.		YES NO				
	Schedule	ichedule Definable Feature of Work							
INITIAL	Activity No.	tivity No.							
Z									
		ES WITH CONTRACT AS APPROVED DURING INI ES WITH SAFETY REQUIREMENTS?	TIAL PHASE?		YES	NO NO			
	Schedule	Description of Work, Testing Performed & By Wh	om. Definable Featu	ure of Work. Specific	YES	■ NO □			
	Activity No.	Section, Location and List of Personnel Present							
	02	Continued removing large concrete debris			<u> </u>				
UP	03	Started and completed shoreline revetmer verified that activities performed conformed		, ,	. ,	veen cross sections	H and G),		
FOLLOW-UP	04	Rad screening of large concrete debris fro				n on rad screening	pad.		
LLC		J				<u> </u>			
В									
		ED TODAY (NOT CORRECTED BY CLOSE OF BUS	SINESS)		CORRECTED TODAY (FROM REW	ORK ITEMS LIST)			
Sched Activity		ion		Schedule Activity No.	Description				
REMARK	S (Also Explain A	any Follow-Up Phase Checklist Item From Above Tha	t Was Answered "N	O"), Manuf. Rep On	-Site, etc.				
Sched Activity		ion							
Activity	140.								
On behalf	of the contractor	I certify that this report is complete and correct and							
equipmen	t and material use	I and work performed during this reporting period is in t drawings and specifications to the best of my knowledge		Elizabeth B	Sinning		7/14/10		
	noted in this repor	i			MANAGER AT SITE		DATE		
OUALITY:	ASSURANCE D	GOVERNMENT QUALITY ASSUF PRESENTATIVE'S REMARKS AND/OR EXCEPTIO			DATE				
Sched Activity	ule Descrin		THE REPORT						
Activity	NO.								
4296/2 (9/9	287			GOVERNMENT Q	UALITY ASSURANCE MANAGER SHEET	1 OF 1	DATE		
720012 (3/3	,				SITEET				

Site Clearing and Demolition

Date: 7/14/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Stantad alaanin a dahnia fuana ahanalina an
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/14/2010

Shoreline Excavation and Revetment

7/14/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	up				The following sections meet this requirement: HG1L, HG2L, HG3L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?					The following sections meet this requirement: HG1L, HG2L, HG3L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow			X	
materials are placed to prevent tearing of geotextile or enlarging holes? Has the geotextile been protected from damage prior to and during the	up Follow			X	The following sections meet this
placement of riprap or other materials?	up				requirement: HG1L, HG2L, HG3L

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L
					Damaged geotextile at the top of HG1L
Has any geotextile damaged during its installation or during placement	Follow				will be repaired during construction of
of bedding materials or riprap been replaced?	up				HG1U
Has the geotextile been placed with the long dimension perpendicular to	Eallan.				Th - f-11in4i44hi-
the shoreline and lay smooth and free of tension, stress, folds, wrinkles,	Follow				The following sections meet this requirement: HG1L, HG2L, HG3L
or creases?	up				requirement. HOTE, HOZE, HOSE
Have the strips been placed to provide a minimum width of 24 inches of	Follow				The following sections meet this
overlap for each joint of the demarcation geotextile?	up				requirement: HG1L, HG2L, HG3L
Has the geotextile been covered with a layer of the filter rock within 7	Follow				The following sections meet this
calendar days after placement of the geotextile?	up				requirement: HG1L, HG2L, HG3L
Have terminal ends of the geotextile been anchored in as shown on the	Follow				The following sections meet this
design drawings?	up				requirement: HG1L, HG2L, HG3L
Has equipment been prevented from tracking across the unprotected	Follow	X			
geotextile with the exception of equipment with low ground pressure? Has the geotextile been placed on the prepared base in accordance with	up				
the details shown on the contract Drawings, and within the limits either	Follow				The following sections meet this
shown on the contract drawings or staked in the field?	up				requirement: HG1L, HG2L, HG3L
Has drop heights of the filter rock and riprap been minimized to meet	Follow				
the project specification?	up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry	Follow				
fines, and contains no refuse?	up	X			
Is the temporary storage area for the riprap and filter stone no closer	_				
than 60 linear feet from the closest edge of the shoreline's upper top	Follow				Riprap stockpiled on 7/9/2010 and
slope and the amount does not exceed 200 tons unless otherwise	up				7/13/2010 meets this requirement
approved?					
Upon completion of the work, have the storage areas been cleaned of all	Follow				
storage residues and returned to their natural condition?	up				
Has any foreign material adhering to or combined with the filter stone	Follow				The following sections meet this
or riprap as a result of stockpiling been removed prior to placement?	up				requirement: HG1L, HG2L, HG3L
Has filter material been spread uniformly on the geotextile to the slope	Follow				The following sections meet this
lines and grades as indicated on the contract drawings and in such	up				requirement: HG1L, HG2L, HG3L
manner as to avoid damage to the geotextile? Have loads of the filter rock and riprap been placed against previously					
placed material in such a manner as to ensure a relatively homogenous	Follow				The following sections meet this
mass?	up				requirement: HG1L, HG2L, HG3L
Has riprap been placed in such manner as to produce a well graded	Follow				The following sections meet this
mass of rock with the minimum practicable percentage of voids?	up				requirement: HG1L, HG2L, HG3L
Has equipment been restricted from operating directly on the completed		T 7			
stone protection system?	up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of	Follow				Riprap delivered on 7/9/2010 and
which the least dimension is not less than one-third the length?	up				7/13/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest	Follow				The following sections meet this
stones set in a trench so as to form a band?	up				requirement: HG1L, HG2L, HG3L
Except for spalls used to fill voids between larger stone, have stone	Follow				The following sections meet this
been used in the exposed face of the riprap which will extend more than	up				requirement: HG1L, HG2L, HG3L
one-half the thickness of the riprap?					,,
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and	Follow				The following sections meet this
smaller stones of the largest feasible size to form a compact mass?	up				requirement: HG1L, HG2L
	Follow				The following sections meet this
stones and clusters of larger stones?	up				requirement: HG1L, HG2L, HG3L
Have checks been made as the work progresses to verify lines, grades	Follow				
and thicknesses established for completed work?	up				
Have cross sections been taken on lines 25 feet apart, measured along	Follow				
the structure reference line, with readings at 5-foot intervals and at	up				
beaks along the lines?	1	<u> </u>	<u> </u>	<u> </u>	

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10 and 7/13/2010 meets the gradation and product description identified in the
Calibration				X	riprap submittal.

QC Manager:	Date:
Elizabeth Binning	7/14/2010



Photo 1: Shoreline Excavation and Revetment - Excavation of section HG3L along shoreline.

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 2: Radiological Screening and Remediation – Unloading of soil excavated from the shoreline onto the new rad pad.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: July 14, 2010





Photo 3: Radiological Screening and Remediation – Soil excavated from shoreline spread out in new rad pad.

Photographed by: Elizabeth Binning (ERRG, Inc.)

Photo 4: Shoreline Excavation and Revetment – Finished subgrade in section HG3L. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



ERRG

Date: July 14, 2010

Date: July 14, 2010



Photo 5: Shoreline Excavation and Revetment – Installation of geotextile in section HG3L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 14, 2010



Photo 6: Shoreline Excavation and Revetment – Installation of filter rock in section HG3L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 14, 2010





Photo 7: Shoreline Excavation and Revetment – Placement of riprap in section HG3L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 14, 2010



Photo 8: Shoreline Excavation and Revetment – Completed revetment in sections HG1L and HG2L.

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 14, 2010

	CC		RODUCTION RE	PORT		DATE 15/JU	JL/10
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	022
CONTRACTOR	Engineering	Remediation Resources	s Group, Inc	SUPERINTENDENT	J	ames Nores	
AM WEATHER		Tremediation resources	PM WEATHER			MAX TEMP (F)	MIN TEMP (F)
С	clear, cool		Sunny, wi			70	53
	1		WORK PERFO	DRMED TODAY	1	i	1
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew continue v	orking on the shoreline revetme	ent- Connect to the section from	ERRG	1	Superintendent	10
	yesterday a new	40' section. Excavate to specifi	ed gradelines and depth- place	ERRG	1	Construction Manager	10
	filter fabric with	specified overlaps and key-ins, p	place a 6" layer of filter rock and	ERRG	1	Project Manager	0
	· ·	rip rap to specified elevations a		ERRG	1	QC Manager	10
	· ·	truck loads of rad cleared concr	ete to the approved stockpile	ERRG ERRG	1	Tech Lead H&S Officer	10
	area at Building	231.		ERRG	1	QC Staff	0
				ERRG	6	Equipment Operators	41
				ERRG	7	Laborers	20
				ERRG	4	Truck Drivers	28
				Tetra Tech	3	Rad Techs	24
JOI		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		■ YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHEE	163
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WOR HOURS FROM PREVIOUS REPORT	
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	YES	■ NO	TOTAL WORK HOURS FROM	0440.5
(If YES attach desc		STE RELEASED INTO THE ENt and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION	3146.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	TS HAVE BEEN MET.
02,03,04	Tailgate safety b	riefing, equipment inspections,	crew members required to don P	DF's within 50' of the wate	r		
FOURDMENT AAA	EDIAL DECEME	D TODAY TO BE INCORPORA	TED IN TOP (INDICATE COLIED	NULE A OTIVITY AND ED			
Schedule	I	1	TED IN JOB (INDICATE SCHED	JULE ACTIVITY NUMBER)		
Activity No.	Submittal #	Description of Equipment/Mat	erial Received				
		276.56 tons of 1/4 ton rip rap)				
CONSTRUCTION	AND PLANT EQI		Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.		
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)			Hours Used
	Harris Blade	4K water truck					8
	ERRG	JD 200CLC Excavator					8
	Harris Blade	Cat 950 Loader					8
	United Rentals	25 KW Generators- 2ea					48
	Rental Solutions	+					12
	SCS Tracer	Air Monitoring Skids- 2skids					48
	Harris Blade United Rentals	Cat 322 Long Reach Takehuchi skidsteer loader					7
Schedule		Takenuchi skiasteer loader					1
Activity No.	REMARKS						
				mes Nores CONTRACTOR/SUPERIN	ITENDENT	7/15/10 DATE	

4296/2 (9/98) SHEET 1 OF 1

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 15/JUL/10		
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,	ations at HPS, SF	REPORT NO 022	2 C	ont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1	ames Nores		
AM WEATHER		Temediation resource	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
С	clear, cool		Sunny, wi			70		53
	1		WORK PERFO	ORMED TODAY	_	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JO)B	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHE		
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		
WAS CRANE/MAN		(If YES attach copy of complete IG/SCAFFOLD/HV ELEC/HIGH	eu OSHA Teport) I WORK/ HAZMAT WORK DONE	=2		REPORT		
(If YES attach state	ement or checklis	t showing inspection performed	l.)	YES YES	☐ NO	TOTAL WORK HOURS FROM	1	
(If YES attach des		STE RELEASED INTO THE EN t and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	1TS HAV	VE BEEN MET.
E∩LIIPMENT/MAT	EDIAL DECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	OLU E ACTIVITY NUMBER				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	•	JOLE NOTIVITY NOMBER				
•								
CONSTRUCTION	AND PLANT EQI		Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY I	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	Equipment Used Today (incl Make	e and Model)				Hours Used
	ERRG	JD310 Backhoe						5
	Harris Blade	Cat 735						7
	Harris Blade	2K Water Truck						7
	United Rentals	2K Water Truck						7
	Harris Blade	Cat LGP D-6 Bulldozer						8 7
	Harris Blade Harris Blade	Cat 735 Hyundai Long Reach Excava	etor.					8
	United Rentals	Light Towers (3ea)						24
Schedule Activity No.	REMARKS	<u>, I · · · · · · · · · · · · · · · · · · </u>						
-								
	1			mes Nores		7/15/10)	
			Jai	CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyar	d d	CONTRACT #	N64273-09	-D-2608
DATE 7/15/	/c TIME	0530	PROJECT NUMBE	R 29 - 141	
CLIENT	Department of the Na	vy	1		
SPECIFIC LOCATION	18-07+1B	PARCOL	B	,	
TYPE OF WORK	Continue.	100	uent exempa	from Rock Alex	remont
	import ni	CAP.	LONDOUT CO	morete debris	Eman -
	SA	FETY TOPIC	CS PRESENTED		
SAFETY TOPICS	I was really a large and the			ROLLING ROCKS, TRUE	CKS
PROTECTIVE CLOTHIN				elds, reflective safety vest, shir	t with sleeves,
long pants, s	teel-toed work boots. Gl	oves and PFD	(personal flotation device	ce) as necessary.	
CHEMICAL HAZARDS	Potential for low level	radiation			
PHYSICAL HAZARDS	STRUCK BY GOL	YPHIT, TAL	KES, NOOVEN SUL	FACOS, POLLING ROCK	ſ
	nec E			Services and Court	
EMERGENCY PROCEDU			y Injury to Supervisor; Su		Det
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE		PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, Sar	Francisco, C	- A-1-1-		
SPECIAL EQUIPMENT			None		
NOTE:					
, NAME PRINTED			PANY	SIGNATIUE	OF.
1/10 - 1/21	WEIA		25	1111 -11-	lencion
Scott washing	1 10	ANTIS	1/ERICO	1 prayer	
Koberto 12	gullera	Ela	700	Janes 19	ur.
FERNANDO LO	The Tal	ERS	76	John O	2000
	TINEZ	5R		Tribo (leve	
PAFAEL LO	ASC	EPF	26	ragal 1	gz
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Sharin Gall	enhor	Mui	T	Si Char	
Adam Res	-20	He	ei.	22	
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LIZ BIANI	M	5-00	Reg		
TY DADI	_	EKE		alexan .	
	INM		KTRK	Tan John	
KARIST MILLY		10 EN	VIRON	1200 100	
Health & Safety Officer	DIN MM	- 1	CHIDEDT	NTENDENT AMIC	Name
Manual & Salety Officer	DICK EDD	_	_ SUPERII	Je Je Je	14010
SIGNATURE ///	1/ hm		SIGNATI	URE JAMOS C	Ma
	/ / /				



TAILGATE SAFETY MEETING

DATE 7/15/10	TIME	PROJECT NUMBER	29-141
		ATTENDEES	
NAME PRINTED	CC	OMPANY	SIGNATURE
HUSHINDER SI HIMAR J. SING Shilley Ng FC MENDS Heather Wollen Burg	H AJ	INDATRIC TRIX CC DISC DISC	Warrish Stoll
	= =		
	= =		
	= =		
	= =		
Health & Safety Officer	=	SUPERINTE	ENDENT
SIGNATURE		SIGNATURE	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day.	THURSDAY HPS Remediation Sites 7-18 Parcel B, Hotspots CLEAR	Date:	7/5/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:		_Page:	
Site Visitors:	See Tailgate Sign In Log.		
Description of Field A	ACTIVITIES:		
SAFETY T	ALGATE - EQUIPMENT PROXIMITY, TI	MATTER, P.	OCK TRUCKS, WET + SCIPASSY
Soil,	MOVEN SUMPRIOS, WOTORSAFTORY	_	
CONTINU	ing EXCAMATION + PLACEMENT OF S	HORDING	ROVOTMONT.
SHOROZW	OF SPOIL HAVIOR TO SCANNING PAOS	\$ soil 4	างอาธาร ธบร.
CLEAR	OD RUBBLE HAVED OFF-SITE.		
RECOVIN	IS RIPEAP, DUMPING ON PAUS PRE	many.	
WASH	THE TRULK TIRES AT DONAHOU ST	RUMBI	& STRIP
HAULI	NE RUBBLE FROM SHOREZINE TO	ACCUMU	LATION AREN FOR
F	TOTURE SCANNING		
PLACIA	IG RUBBLE ON VACATOD SCANNING PA	405	
	is uso: 3 water Trucks, 2 Dump T		
- FXCA VI	ITOR, END LOADER, BACKHES, SKID.	1700R , BU	/LLDO ZER
Signed:	Wayn_	Date:	7/11/10

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

Dick EM Hunter's Point Parcel B IR07/18

Client: Project No.:

US NIVY 29-141

Site Location:

San Francisco, CA

Page:

of

Calibration (Date and Time):

7/15/10 @ 0545

Standard Used: AIR BAG

Location	Date	Time	cone Ir	nstrument TWA DataRAM	Comme	dB
11	7/15/10	0553	0.022	0.018	10971	58;
# 2	1	0600	0.023	0.023	16972	59
#3		8605	0.010	0.007	10973	42
#1		0721	0.024	0.023	10971	63.
#2		0725	0.023	0.026	10972	75.
#3		0730	0.000	0.000	10973	61.
#1		0819	6,008	0,020	10971	64
		0826	0.008	0.021	10972	68.
#2 #3		0832	6,000	0,000	10973	62.
#1		0935	0,020	0.015	16971	63.
#2		0944	6.607	0,015	10972	68.
#3		0956	0,000	0.000	10973	62.
#1		1102	0.010	0.013	10971	63.
#2	1	1105	0.000	0.011	10972	60
#3	1	1110	0,002	0,000	10973	159.
		1252	0.016	0.014	16971	66.
#1 REPLACED DATTENT		1254	0.000		16972	51
#3		1300	0.000	0.000	16973	62.
#5		1358	0.600	0.000	10913	61.
# 2 METER WET-NO 464	PINC	1405	_		16972	-
14		1408	6.024	0,035	18971	-
10.01						-
	V					
					,	-
			en-municipal kor	- 3-0		-
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2 - MONITURING WE	V 5-4	- 40 - 40 4	5.10	V		211/
3 - FORET C NW BE	ROOM OF	I-01+18-	WOTON			



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 15, 2010 ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-029). A total of 36 pieces were surveyed. In addition, 36 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-020 through ERRG-A-IR07-023 and ERRG-A-IR07-025. No activity above the release criteria was identified in surveys ERRG-A-IR07-021, ERRG-A-IR07-022, and ERRG-A-IR07-025. For surveys ERRG-A-IR07-020 and ERRG-A-IR07-023, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-020-036	to be designated
ERRG-A-IR07-023-016	to be designated
ERRG-A-IR07-023-019	to be designated

_Daily Status Report Page 2 of 2

ERRG-A-IR07-023-023 to be designated

• Survey groups ERRG-A-IR07-004 through ERRG-A-IR07-008 and ERRG-A-IR07-015 through ERRG-A-IR07-019 have been transferred to ERRG for free release.

Issues/Items Pending Action

• None.

		CONTRACTOR QUALIT			RT	REPORT	/JUL/10 022				
PHASE	CONTRACT N	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parcel B; Soil H	INO lotspot Locations	at Parcels B,				
TTINGE		ATORY PHASE WORK PREFORMED TODAY?	CONTINUE	D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF				
۲×	_	S, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.									
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index#				
RA	7 totavity 140.										
EP.											
PR											
		INITIAL PHASE WORK PREFORMED TODAY? YES NO NO S, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.									
_	Schedule	Definable Feature of Work					Index#				
INITIAL	Activity No.										
Z											
		LIES WITH CONTRACT AS APPROVED DURING IN	ITIAL PHASE?		YES	NO NO					
	Schedule Activity No.	Schedule Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification									
	02										
Δ.	03										
FOLLOW-UP		sections H and G and the lower portion of the forth section (approximately 30 feet) between cross sections G and F), imported riprap f									
ΓOΛ		in the revetment, verified that activities performed conformed to the shoreline excavation and revetment checklist.									
OL	04	04 Rad screening of large concrete debris from shoreline, unloaded and spread spoils from shoreline excavation on rad screening page									
REWORK	ITEMS IDENTI	FIED TODAY (NOT CORRECTED BY CLOSE OF BU	SINESS)	REWORK ITEMS	CORRECTED TODAY (FROM REW	/ORK ITEMS LIST)					
Sched	lule Descri	·	S1200)	Schedule	Description	. 6.1.1.1.2					
Activity	NO.			Activity No.							
Sched	lule Descri	Any Follow-Up Phase Checklist Item From Above That stion	at Was Answered "NC	"), Manuf. Rep On	-Site, etc.						
Activity	NO.										
On behalf	of the contractor	I certify that this report is complete and correct and									
equipmen compliance	t and material use	d and work performed during this reporting period is in ct drawings and specifications to the best of my knowledge		Elizabeth B	inning Manager at site		7/15/10 DATE				
except as	noted in this repo	GOVERNMENT QUALITY ASSU			DATE		DATE				
		EPRESENTATIVE'S REMARKS AND/OR EXCEPTION									
Sched Activity		tion									
	I										
4296/2 (9/9	98)		-	GOVERNMENT Q	UALITY ASSURANCE MANAGER SHEET	1 OF 1	DATE				

Site Clearing and Demolition

Date:	7/15/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Started clearing debris from shoreline on
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?					
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/15/2010

Shoreline Excavation and Revetment

7/15/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of					
the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws,					
deterioration or damage incurred during manufacture, transportation or	Initial	X			Geotextile checked upon delivery on
storage prior to installation?					6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a	Initial	X			Placed 6" bedding material between F and
minimum thickness of at least 6 inches?	Illitiai	A			H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of					Filter rock stockpile in offloading area
layers of truckload dumps, where the rock essentially remains where it	Initial	X			and riprap stockpiling area meets these
is placed?		-		-	requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these
is the first layer of the stockpile a maximum of o feet high:	IIIItiai	A			requirements.
Have subsequent layers of the stockpile been started 10 feet from the					Filter rock stockpile in offloading area
edge of the previous layer so that the rock will not roll down the edges	Initial	X			and riprap stockpiling area meets these
of the previous layers.					requirements.
Have areas that are below the allowable minus tolerance limit brought					
to grade by fill with earth similar to the adjacent material or with sand	Follow				The following sections meet this
fill and then compacted to a density equal to the adjacent in place	up				requirement: HG1L, HG2L, HG3L,
material?					HG4L, GF1L
Have subaqueous areas on which filter materials and riprap are to be					The following sections meet this
placed graded and/or dressed to conform to cross sections shown on the	Follow				requirement: HG1L, HG2L, HG3L,
contract drawings within an allowable tolerance of the specified slope	up				HG4L, GF1L
line and grades?					·
Have surfaces on which the geotextile will be placed been prepared to a	Follow				The following sections meet this
relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	up				requirement: HG1L, HG2L, HG3L, HG4L, GF1L
					The following sections meet this
Have surface irregularities been removed so as to ensure continuous,	Follow				requirement: HG1L, HG2L, HG3L,
intimate contact of the geotextile with all the surface.	up				HG4L, GF1L
Has loose, soft, or low density pockets of material been removed;	Follow				The following sections meet this
erosion features such as rills, gullies etc. shall be graded out of the	up				requirement: HG1L, HG2L, HG3L,
surface before geotextile placement.	up				HG4L, GF1L
Are tolerances of the slope lines and grades of the prepared base as	Follow				The following sections meet this
shown on the contract drawings?	up				requirement: HG1L, HG2L, HG3L,
-	Follow	-		-	HG4L, GF1L
Has the prepared base been approved by the Contracting Officer?	up			X	
Has the prepared base layer been protected from incoming water unless	Follow				The following sections meet this
authorized by the Contracting Officer?	up				requirement: HG1L, HG2L, HG3L,
and the confidence of the conf	up.				HG4L, GF1L
Have geotextiles been secured to prevent movement prior to placement	Follow				The following sections meet this
of revetment materials through use of pins, staples, sand bags, or stone?	up				requirement: HG1L, HG2L, HG3L,
	Follow	1		1	HG4L, GF1L
geotextile along the line passing through midpoints of the overlap	up			X	
geoterane along the fine passing through intupolitis of the overlap	լ սր	<u> </u>	<u> </u>	<u> </u>	

Requirement	Phase	Yes	No	N/A	Comments
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			iio ie, or ie
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, and 7/15/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has equipment been restricted from operating directly on the completed stone protection system?	up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, and 7/15/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L

Requirement	Phase	Yes	No	N/A	Comments
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal.
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
					Verified that the riprap delivered on 7/9/10, 7/13/2010, and 7/15/2010 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/15/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section HG4L and GF1L along shoreline.

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 15, 2010



Photo 2: Shoreline Excavation and Revetment – Final grading of subgrade in sections HG4L and GF1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 15, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of geotextile in sections HG4L and GF1L.

Photographed by: Elizabeth Binning (ERRG, Inc.)

200c to

Photo 4: Shoreline Excavation and Revetment – Placing riprap in the toe of sections HG4L and GF1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 15, 2010

Date: July 15, 2010



Photo 5: Shoreline Excavation and Revetment – Filling in the toe of section HG3L with additional riprap.

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 15, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 16/J	UL/10)	
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO 023		
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		//terriculation resource	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
C	lear, cool		Sunny, wi			70		53
	1		WORK PERFO	DRMED TODAY	-	i		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew continue v	vorking on next 40' section of rev	vetment, connect to previous	ERRG	1	Superintendent		10
	piece from yeste	erday. Excavate to specified grad	de lines and depth- place	ERRG	1	Construction Manager		10
	filter fabric with	specified overlaps and key-ins, p	place a 6" layer of filter rock and	ERRG	1	Project Manager		2
	· ·	rip rap to specified elevations a		ERRG	1	QC Manager		10
	, ,	ng with 1/4 ton rip rap. Spread o		ERRG	1	Tech Lead		10
	·	thick layer. Crew working with a on the screening strips.	Tetra Tech laying down	ERRG ERRG	1	H&S Officer QC Staff		10 0
	concrete debits	on the screening strips.		ERRG	7	Equipment Operators		43
				ERRG	7	Laborers		21
				ERRG	5	Truck Drivers		25
				Tetra Tech	3	Rad Techs		24
JO	R	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		■ YES	□ NO	TOTAL WORK HOURS ON JO SITE,		165
SAFE	TY	WERE THERE ANY LOST TIM (If YES attach copy of complete	E ACCIDENTS THIS DATE?	YES	■ NO	THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		3146.5
	NLIFT/TRENCHIN		WORK/ HAZMAT WORK DONE	? YES	■ NO	REPORT		3140.5
	ZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? Ittach description of incident and proposed action.)							3311.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		■ SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	priefing, equipment inspections.	crew members required to don P	DF's within 50' of the water	r			
02,00,01	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
03	001 and 001a	317.58 tons of 1/4 ton rip rap)					
CONOTRUCTION	AND DI ANT FO	LUDIATAL AND ADDRESS TO DA	V	ID COLUED III E A CTIVITY				
	AND PLANTEQ	I ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48 12
	Rental Solutions SCS Tracer	25KW Generator-1ea Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals Takehuchi skidsteer loader							
Schedule Activity No.	REMARKS	ı						
						=// 0//		
				mes Nores CONTRACTOR/SUPERIN	ITENDENT	7/16/10 DATE)	

4296/2 (9/98) SHEET 1 OF 1

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 16/JUL/10			
	09-D-2608		ations at HPS, SF	REPORT NO 023	3 c	ont.			
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores			
AM WEATHER		Tromodiation (coodings)	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)	
С	clear, cool		Sunny, wi			70		53	
	1		WORK PERFO	ORMED TODAY	i	1			
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
						TOTAL WORK HOURS ON JO)B		
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHE			
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WC			
MAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE	_	NO	HOURS FROM PREVIOUS REPORT			
(If YES attach state	ement or checklis	t showing inspection performed.	I.)	YES YES	☐ NO	TOTAL WORK HOURS FROM	4		
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION			
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	NTS HA	VE BEEN MET.	
Schedule	I	1	ATED IN JOB (INDICATE SCHEI	DULE ACTIVITY NUMBER)					
Activity No.	Submittal #	Description of Equipment/Mat	terial Received						
CONSTRUCTION	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.				
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used	
, ,	ERRG	JD310 Backhoe						6	
	Harris Blade	Cat 735						7	
	Harris Blade	2K Water Truck						7	
	United Rentals	2K Water Truck						7	
	Harris Blade	Cat LGP D-6 Bulldozer						8	
	Harris Blade	Cat 735	ator.					7 8	
	Harris Blade Hyundai Long Reach Excavator United Rentals Light Towers (3ea)								
Schedule		Light Towers (Jea)						24	
Activity No.	REMARKS								
			Ja	mes Nores		7/16/10)		
				CONTRACTOR/SUPERIN	TENDENT	DATE			

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 7/16/	10 TIME	0600 PROJECT NUMBE	ER 29 - 141
CLIENT	Department of the Nav	/	
PECIFIC LOCATION	1R-07 4 18		
YPE OF WORK	ROVOTMONE	CONTINUE, LEVER L	EXCHUNTED SOTE ON SCHOOLS PROD
	RECTVING RE		
	SAF	ETY TOPICS PRESENTED	
AFETY TOPICS	WATER SHEETY ,	EQUIPMENT PROXIMITY	, TRAFFIC, ST&F
PROTECTIVE CLOTHING			ields, reflective safety vest, shirt with sleeves,
long pants, st	eel-toed work boots. Glov	es and PFD (personal flotation devi	ice) as necessary.
HEMICAL HAZARDS	Potential for low level	radiation	
HYSICAL HAZARDS	UNDVEN SURVENC	ES, STRUCK BY, ROLLIA	UE POCKS
MERGENCY PROCEDU	RES Employee t	to report any injury to Supervisor; S	Supervisor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/ 415-641-6625(ER) PARAMEDIC PHONE 911
OSPITAL ADDRESS	3555 Cesar Chavez, San F	Francisco, CA 941124	
PECIAL EQUIPMENT		None	1
		ATTENDEES	
A NAME PRINTED		COMPANY	SIGNATURE
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ERNANDO LO		FREG	Den Olem
Perte VALO	WLIP	ERRE	Dienta Molenero
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Roberto Theo	ilera	ERRG	That Aprenes
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RUSSELL CHOUSE	4	HARRIS TERRY	fare free
Heather Wollen	Burg	TREE	- Cut
DAVED HASAL	3	EKRG	Dani Hank
soft who the	g ha	Harrist EKRG	The wife
KLIUSHINDER	SINISH	RINDA	To gues
Amon J.S	MGH	AJ TRIC	Alleg /
ealth & Safety Officer	Dick of	SUPERI	NTENDENT CAMPS NOVES
GNATURE	Men	SIGNAT	(Visit P



TAILGATE SAFETY MEETING

DATE	7/16/10	TIME	PROJECT NUMBER	79-141
			ATTENDEES	
JAK.	ME PRINTED VI FILL S. 1000 MML LY NG		MPANY 1 TRUKING 1000	SHUSSON
Health & S	afety Officer		SUPERINTE	ENDENT
SIGNATUR	E		SIGNATURE	

DAILY FIELD ACTIVITY LOG

Prepared by:	Dishard Eng	Client:	Dont of the Nave
RGDay:	Richard Epp	Date:	Dept of the Navy
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		7/16/10
Weather:	CLB4R	Page:	/ of
Site Visitors:	See Tailgate Sign In Log.	_ rage.	
Description of Field A			
Description of Field A	ACHVILLES.		
	DILGATE - WATER SAFETY, ROWNE		QUIDMONT PROXIMITY,
TRAF	FIC, UNGLOW & SLIPPERY SURFACES		
CBNTIN	VING WITH SHOREWE REVETHOM.		
ASSISTIN	TOTRA TECH WITH RUBBLE SCAN	vies	
LEVEU	US REVERMENT EXCAVETED MATERIA	àl ou s	CANNING PADS.
RECEN	VING RIPRAP BY TRUCK - WASHING	TIRES OF	U EXIT ON DONAHUE ST,
	SPING DONAINS ALSO,		
300	PETTY DENAME FOO.		
			-
		_	
COUIPMO	MT iN USS! WATOR TRUCKS, 2 DUM	P THUES	2 LONG ROMEN ANCHUTTURE
	COVATOR, END LONDED, BACKLEST, SI		

AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP Hunter's Point Parcel B IR07/18

Project Name:

San Francisco, CA Site Location:

Calibration (Date and Time):

7/16/10@ 0610

Client:

Project No.: Page:

US NAVY 29-141 of

Standard Used:

AIR BAG

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#2 #3 #1 #2 #3 #(0627 0627 0734 0736 0741	0.021	0.017	10973	60.9
#3 #1 #2 #3 #(0627 0734 0736 0741	0.021	0.026	10973	
#2 #3 #(#2		0741	0.021		10971	
#2 #3 #(#2		0741		0 030	1.0	100,0
#3 #(#ン		0741		0.070	10972	693
#(#V			0.014	0.017	10973	62.4
#2		0841	0.012	0.022	10971	65.
11.2		0843	0.012	0.023	10972	66.9
#3		0850	0.003	0.011	16973	62:
		0946	0.005	0.018	10972	64.
籽		0951	0.015	0.009	10973	58
世		1014	0.012	0.018	10971	65,1
#2		1854	0.017	0.015	10972	64.8
#3		1102	0.004	0,007	10973	59.2
#I	1	1115	0,012	0, 018	10971	64.
#2		1246	0,04	0,012	10972	64.
#3	1	1250	0.007	7000	10973	58.9
HI CHANGED HATTERY		1300	0,032	0.027	16971	65,5
#3		1402	0.026	0.005	10973	60.
#2	Grief Stelle	1410	0.005	0.011		59:
			0.008	0.021	10972	
#1		1415			16971	66
re e steller		1	-0.00	110000		
						(T-F-)
			04507 D450H	124		



Value of the Arms of the Arms					H	leavy	Equi	pme	nt De	fects		200			Nº I	
Inspected By (Initials) And Date:	EU	7/12	10 M	EM	3/1	3/10	A	17/13/	10	7/14	10	EM All	Jw	7	15-10	
	Yes	No /	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
ires and rims			1				N			X			W			
racks			X		K				X			X.			W	
Steps and handgrips	B			K			N			X.			V			
Guards on moving parts?	100			×			X			X			V			
Engine belts and hoses				K			N			V			W			
Fluid levels acceptable?	1			R			N			X			B,			
oading/lifting capacity marked?	M.			K			X			N			V			
Seat belt operative?	E			×			X			X			0			
Fire extinguisher present?	M			X			X			N			W	口		
Vindows and mirrors unbroken?	M			V			X			Ø			W			
Gauges operative?	M			K			Q			X			W	D		
Battery charged?	M			K			Ø			Q			W			
Windshield wipers operative?	32			Q			V			X			D	D		
Horn operative?	1			V			X			图			0	D	34	
Back up alarm operative?	W.			K			Ø			N			W	口		
Lights and signals operative?	8									X			4			
Steering and other controls	1			X			E			A			U	D		
Brakes	1			包			Ø			X			W			



Inspected By (Initials) And Date:	7	-/	6-10)	-	leavy	Equi	pme	nt De	fects		-			-		
ires and rims	Yes	No.	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	C	efect(s):
racks		7	V	In			H			П	H		H	H		-	-
Steps and handgrips	V	, [П		T							T			
Guards on moving parts?	V	/0															
Engine belts and hoses	0	1															
Fluid levels acceptable?	V																_
Loading/lifting capacity marked?	V	10															
Seat belt operative?	V	1															
Fire extinguisher present?	0																
Windows and mirrors unbroken?	V	10															
Gauges operative?	V	1															
Battery charged?	W/	10															
Windshield wipers operative?	V/																
Horn operative?	V,	10															
Back up alarm operative?	V	10															
Lights and signals operative?	V	1															
Steering and other controls	V	10															
Brakes	V																



Inspected By (Initials)				leavy	Equipme	nt De	fects					
And Date:	7/12/10	BP	7/13/10	Br	7/14/10	pp	2/15	1100	51	7/16/10	B.P	
	Yes No	N/A	Yes No	N/A/	Yes No	N/A	1		N/A	Yes No	N/A	Defect(s)
ires and rims		V	0/0	V		1			1			
racks	V/		0/0				1			0		
Steps and handgrips	V/0		V, D		90		1					
Guards on moving parts?	V		0/0		3,0		II,			0		
Engine belts and hoses	N/O						1					
fluid levels acceptable?	4		0/0		0		B,			D,O		
oading/lifting capacity marked?	d ,0		10,0		0,0		1			Z		
seat belt operative?	V D		W D		0		1			$\mathbb{Z}_{,\square}$		
ire extinguisher present?	3/0		1/0		Z O		1			Z, O		
Vindows and mirrors unbroken?	90		10/0		0,0		II,			1/0		
Sauges operative?	9 0		0				1			1/0		
Battery charged?	40		1/0		O O		1			1/0		
Windshield wipers operative?	V		10		0		1			1/0		
Horn operative?	Q D		0,0				1			10		
Back up alarm operative?	P D		0,0		0,0		1			1/0		
ights and signals operative?	1		0,0		0		1			1/10		
Steering and other controls	90		0,0		1		1			N/ D		
Brakes	30		0		0		1					



Tuescaked Du (Tuikinle)			- 1	da.	H	leavy	Equi	pme	nt De	fects	14					
Inspected By (Initials) And Date:	7/12	-B	P	7/13	BI	279	7/14	B	04	7/15	B	P	7/16	M	BP	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims			X			X			X			X			X	
racks	A			X			K			X			X			
Steps and handgrips	X			X			M			X			X			
Guards on moving parts?	X			X			X			X			X			
Engine belts and hoses	X			M			X			X			X			
Fluid levels acceptable?	X			X			X			×			X			
Loading/lifting capacity marked?	M			X			X			X			X			
Seat belt operative?	X			M			X			X			K			
Fire extinguisher present?	X			X			X			X			X			
Windows and mirrors unbroken?	X			×			X			X			X.			
Gauges operative?	M			X			X			X			X			
Battery charged?	X			X			X			X			X			
Windshield wipers operative?	X			X			X			X			X			
Horn operative?	X			X			X			X			X			
Back up alarm operative?	X			X			X			X			V			
Lights and signals operative?	X			Ø			X			X			X			
Steering and other controls	X			×			X			V			X			
Brakes			X			X			X			X			X	



Inspected By (Initials)	-	SP			H	leavy	Equi	pme	nt De	fects	30						
And Date:	7-	12-1	o Me	7-	13-1	dy	7-	14-1	01/2			194					
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes		N/A	Yes	No	N/A		Defect(s):
Tires and rims			×						V			8					
Tracks	A			W			V			X						1 - 1 -	
Steps and handgrips	X						0			R							
Guards on moving parts?	D.			V	口		4			X							
Engine belts and hoses	A			3			V			X							
Fluid levels acceptable?	X			1			0			A							
Loading/lifting capacity marked?	X			1			W			X							
Seat belt operative?	X			3	D		V			K							
Fire extinguisher present?	K			1			U			X						/	
Windows and mirrors unbroken?	R			1			4			X							
Gauges operative?	X			P			D			X							
Battery charged?	A			3			U			X							
Windshield wipers operative?	1			1			U			A							
Horn operative?	X			7			W			A							
Back up alarm operative?	X						W			Z.							
Lights and signals operative?	X			7		П	1	П		X		П		П			
Steering and other controls				7	n		W		T	1	П		П				-
Brakes	R	Ī	$\overline{\Box}$	7	-		0			A				T			
2.0.102	100					_				1						-	



Inspected By (Initials) And Date:	19-	W -16-	10		H	leavy	Equi	pme	nt De	fects							
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Det	fect(s):
Tires and rims		П			П		U.	حلاء	Ш								
Tracks	11																
Steps and handgrips	V,																
Guards on moving parts?	W,																
Engine belts and hoses	0,																
Fluid levels acceptable?	0/																72
Loading/lifting capacity marked?	IV,																
Seat belt operative?	W																
Fire extinguisher present?	W,																
Windows and mirrors unbroken?	0																
Gauges operative?	0																
Battery charged?	回																
Windshield wipers operative?	1																
Horn operative?	V/	10															
Back up alarm operative?	回,																
Lights and signals operative?	W																
Steering and other controls	1																
Brakes	1			In													



					H	leavy	Equi	pmer	nt De	fects					4 5	1	
Inspected By (Initials) And Date:	きん	2-1	My	2-13	3-10	My	7-1	4-14	M	老八	5-11	400	7-1 E1	6-1	Me	4.	
Fires and rims	Yes	No.	N/A	Yes	No	N/A	Yes	No.	N/A	Yes	No.	N/A	Yes	No	N/A	Defe	ct(s):
Tracks	0		N.			1			X			X			X		
Steps and handgrips	图			8			M			X			×				
Guards on moving parts?	V			(X)			K			K			K				
Engine belts and hoses	X			E			图		3	W			X				
Fluid levels acceptable?	X			K			X			K			[X				
Loading/lifting capacity marked?	1			K			X			×			×				-
Seat belt operative?	27			M			8			M			X				
Fire extinguisher present?	×			K			X			×			10				
Windows and mirrors unbroken?			×			X.			X			X			X		
Gauges operative?	æ			W.			K			×			K				
Battery charged?	1			2			M	1		10			X				
Windshield wipers operative?			y			X			X	D		X			X		
Horn operative?	100			X			K			300			X				
Back up alarm operative?	X			X			B.			20			X				
Lights and signals operative?	1			X			A			X			X				
Steering and other controls	X			Ø			R			100			X				
Brakes	×			V			A.			X			X				1



Inspected By (Initials) And Date:	FL	-12	M	元	2	leavy			FVA		F		FL	6 -	154	Mar	
ECHECK INTENS	Vec	No	N/A	Yes	No	N/A	Yes	No	- /			N/A	Yes	No	N/A		Defect(s):
Tres and rims	X			V			X			M			X				
racks			×			X			X			X			×		
Steps and handgrips	×			X			K			100			9				
Guards on moving parts?	Ø			M			X			V			Q				
Engine belts and hoses	X			Ø			K			V			B				
Fluid levels acceptable?	D			A			X			V			×				
Loading/lifting capacity marked?	X			M			X			P			A				
Seat belt operative?	V			Ø			K			10			Q				
Fire extinguisher present?	X			X			K			M			Ø				
Windows and mirrors unbroken?	X			1XI			N			13			M				
Gauges operative?	X			Ø			团			D			· 😡				
Battery charged?	D			卤			X			Ø			0				
Windshield wipers operative?	×			Ø			X			1			N				
Horn operative?	Ø			10			M			179			N				
Back up alarm operative?	KO			P			K			14			X				
Lights and signals operative?	D			(J			K			D			N				
Steering and other controls	X			Q			N			179			A				
Brakes	B			100			X			Ø			N				





*		Sign				leavy		100	nt De	fects	20		- (90			
Inspected By (Initials) And Date:	7-1	00	0	71	301	G	7	-14.	10		15	10	1	-116-	16		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	E	efect(s):
ires and rims				W						W			P				
racks			V			1						7			N		
Steps and handgrips	\Box						V			V							
Guards on moving parts?				0			I			N			1				
Engine belts and hoses	Z			V			Z			Z			Z				
Fluid levels acceptable?	Ø			V			Ø,			4			Ø				
oading/lifting capacity marked?	2			V			1			1			1				
Seat belt operative?	ø			Z			1			V			Ø				
Fire extinguisher present?	Ď.			W			T			1			M				
Windows and mirrors unbroken?				Z			W			V			B				
Gauges operative?	1			1			W			D			D.				
Battery charged?	D			P			Z			V			A				
Windshield wipers operative?	140			V			1			V.			W				
Horn operative?	10			1			1			1			N				
Back up alarm operative?	Q			12			1			W			W.				
Lights and signals operative?	Q			N			1			N			1				
Steering and other controls	1			V			d			d			1				
Brakes	Ú			B			1			T			1				



					H	leavy	Equi	pmei	nt De	fects						
Inspected By (Initials) And Date:	7	-12-	-10	7-	-13	-10	干	-14	-10	7-	15-	RU	7-	16-	10	
ires and rims	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
racks			1			W			D			7				
teps and handgrips	0			V						7			o			
uards on moving parts?				V						V						
ngine belts and hoses				Ø						0						
luid levels acceptable?	V			M			Ø						2			
oading/lifting capacity marked?	V			V			0						U			
eat belt operative?	Ø			M			Ø						1			
ire extinguisher present?	M			M			M.						0			
Vindows and mirrors unbroken?	2			U			1									
Sauges operative?				4			U			1						
lattery charged?				U			D						V			
Vindshield wipers operative?	Ø			13			0			1			V			
Horn operative?	V			d			V			1			0			
Back up alarm operative?	0			0			1/						Ø			
ights and signals operative?	Ø			D			W			7			U			
Steering and other controls	Ø									D			V			
Brakes	10						7						N			



2					ŀ	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	F-1	2-1	0 196	RA	13/1	onto	QA.	7/14/	. HO	RA	7/15	1001	PA	7/14	104	
	100	No	N/A	3 5-		N/A				Yes			Yes	. /	N/A	Defect(s):
īres and rims			X			N			X			X			X	
racks	×			X			R			X			A			
teps and handgrips	M			X			A			B			N			
Guards on moving parts?	X			×			X			因			X			
ingine belts and hoses	1X			X			X			团			A			
luid levels acceptable?	X			X			X			K			A			
oading/lifting capacity marked?	X.			K			A			又			K			
Seat belt operative?	X			K			X			K			X			
ire extinguisher present?	X			N			X			因			X			
Vindows and mirrors unbroken?	X			X			A			X			B			
Gauges operative?	5			A			N			K			K			
Battery charged?	X			N			A			[Z]			*			
Vindshield wipers operative?			X			X			×			X			K	
Horn operative?	M			N			X			K			H			
Back up alarm operative?	N			K.			X			X			K			
Lights and signals operative?	X			\boxtimes			X			X			X			
Steering and other controls				×			K			X			X			
Brakes	N			X			+			内			7			



Inspected By (Initials)			114			leavy	Equi			fects		4				
And Date:		2-	July	7-1		314	7-	144	Ste	1	6,1	10/	1	16/	10	
ires and rims	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
racks			X			X			4			Ŋ			区	
Steps and handgrips	X			K			D,						K			
Guards on moving parts?	X			M						0			V			
Engine belts and hoses	×			X			V.			W			X			
fluid levels acceptable?	M			X			B,						Ø			
.oading/lifting capacity marked?	X			V						V			Q			
Seat belt operative?	N			X			3			W.			W			
Fire extinguisher present?	X			X			1			W			X			
Windows and mirrors unbroken?	X			X			X			V			Re			
Gauges operative?	X			X			口			V			V			
Battery charged?	120			K			×			W,			X			
Windshield wipers operative?	X			(X)						W,			K			
Horn operative?	N/			X			X			V.			M			
Back up alarm operative?	A			X			100			Ø.			又			
Lights and signals operative?	M			X			Ď			V			R			
Steering and other controls	V			X			100			N			Q			
Brakes	×			V			Do			V			X			





Tuescated Dy (Tuitiala)	1	Sim	any	11/1	1	leavy	Equi	pme	nt De	fects	her			,	-		
Inspected By (Initials) And Date:		71	12/0	DOD!	13-	16 W	7	-14	-4	7-	152	160	5-1	-10	PW		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A		No	N/A	D	efect(s):
îres and rims						1			-			1			1		
racks	2			V						3			T				
iteps and handgrips	1			Y			-						4				
Guards on moving parts?	Z			4			1				P		9				
ingine belts and hoses	Z			W			1										
Fluid levels acceptable?	0			V			V				F		1				
oading/lifting capacity marked?	D			V									1				
Seat belt operative?	E'			V							1		1				
Fire extinguisher present?	1			V							/		V			-	_
Vindows and mirrors unbroken?				W	D			,		1	P		B				
Gauges operative?	Ø			V			1			1			1				
Battery charged?	0			0	D					1			1				
Windshield wipers operative?				V				T		1			H				
Horn operative?				1			-						P				
Back up alarm operative?	1			1			-				T		7				
lights and signals operative?	1			V	0					1	A		0				
Steering and other controls				V			-			1	T		1				
Brakes			7	V	1					1			0				



/A Yes No N/A Yes	No N/A Yes No N/A	Yes No N/A	Defect(s):
		Yes No N/A	Defect(s):
	00000		



Inspected By (Initials) And Date:	VV	1.	iste of		Н	leavy	Equi	pme	nt De	fects						
	1	No		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	9															
racks	W		R													
Steps and handgrips	4															
Guards on moving parts?	U															
Engine belts and hoses	4															
Fluid levels acceptable?	U															
Loading/lifting capacity marked?	D															
Seat belt operative?	V															
Fire extinguisher present?		2														
Windows and mirrors unbroken?			4													
Gauges operative?	4															
Battery charged?	4															
Windshield wipers operative?			4													
Horn operative?		A														
Back up alarm operative?	W															
Lights and signals operative?			V													
Steering and other controls	V															
Brakes	W															



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-030 through ERRG-A-IR07-033). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-024 and ERRG-A-IR07-026 through ERRG-A-IR07-029. No activity above the release criteria was identified in surveys ERRG-A-IR07-027 and ERRG-A-IR07-029. For surveys ERRG-A-IR07-024, ERRG-A-IR07-026, and ERRG-A-IR07-028, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-024-031	to be designated
ERRG-A-IR07-026-015	to be designated
ERRG-A-IR07-026-017	to be designated

_Daily Status Report Page 2 of 2

ERRG-A-IR07-026-021	to be designated
ERRG-A-IR07-026-025	to be designated
ERRG-A-IR07-026-028	to be designated
ERRG-A-IR07-028-019	to be designated
ERRG-A-IR07-028-025	to be designated
ERRG-A-IR07-028-031	to be designated

Issues/Items Pending Action

• None.

		CONTRACTOR QUALITY (ATTACH ADDITIONAL SHE			RT	REPORT	JUL/10 023
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parcel B; Soil H	otspot Locations a	at Parcels B,
		FORY PHASE WORK PREFORMED TODAY?		D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF
RY	IF YES, FILL OU	T AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	iT.			
۸ТО	Schedule Activity No.	Definable Feature of Work					Index#
AR,							
PREPARATORY							
Ф							
	WAS INITIAL PH	ASE WORK PREFORMED TODAY?			YES NO		
	IF YES, FILL OU Schedule	T AND ATTACH SUPPLEMENTAL INITIAL PHASE C	CHECKLIST.				
INITIAL	Activity No.	Definable Feature of Work					Index #
N							
		ES WITH CONTRACT AS APPROVED DURING INIT ES WITH SAFETY REQUIREMENTS?	IAL PHASE?		YES YES	NO NO	
	Schedule Activity No.	Description of Work, Testing Performed & By Whole Section, Location and List of Personnel Present	m, Definable Featur	e of Work, Specific	ation		
	02	Verified that activities performed conformed	to the site cleari	ng and demolition	on checklist.		
ъ.	03	Started and completed shoreline revetment					
FOLLOW-UP		sections G and F), imported riprap for incorpant and revetment checklist.	ooration in the rev	etment, verified	that activities performed conforn	ned to the shoreline e	excavation
LLC	04	Rad screening of large concrete debris from	n shoreline, unloa	aded and spread	spoils from shoreline excavatio	n on rad screening p	ad.
Ю							
REWORK Sched	ا مارر	ED TODAY (NOT CORRECTED BY CLOSE OF BUS	INESS)	REWORK ITEMS Schedule	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)	
Activity	No. Description	on		Activity No.	Description		
		ny Follow-Up Phase Checklist Item From Above That	Was Answered "NC	o"), Manuf. Rep On-	-Site, etc.		
Sched Activity		nc					
equipment compliance	t and material used e with the contract	certify that this report is complete and correct and and work performed during this reporting period is in drawings and specifications to the best of my knowledge		Elizabeth B	inning MANAGER AT SITE	7	7/16/10 DATE
except as	noted in this report.	GOVERNMENT QUALITY ASSUR			DATE		DATE
		PRESENTATIVE'S REMARKS AND/OR EXCEPTION					
Sched Activity		nc					
4296/2 (9/9	98)		-	GOVERNMENT QU	UALITY ASSURANCE MANAGER SHEET 1	I OF 1	DATE

Site Clearing and Demolition

Date:	7/16/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Started description debut from the colling of
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/16/2010

Shoreline Excavation and Revetment

7/16/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L

Requirement	Phase	Yes	No	N/A	Comments
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal.
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.
					Verified that the riprap delivered on 7/9/10, 7/13/2010, 7/15/2010, 7/16/2010 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/16/2010



Photo 1: Shoreline Excavation and Revetment – Setting up grade stakes for excavation of section GF2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section GF2L. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 16, 2010

Date: July 16, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of 6-inch filter rock layer in section GF2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: July 16, 2010

Photographed by: Elizabeth Binning (ERRG, Inc.)

Photo 4: Shoreline Excavation and Revetment – Placing riprap in the toe of section GF2L. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 16, 2010





Photo 5: Shoreline Excavation and Revetment – Completed riprap in section GF2L:

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 16, 2010





DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 20, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery
J - 7		

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below. ERRG personnel were not on site in preparation for the 0100 start time on July 21, 2010.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the radiological control technicians prior to on-site activities and provided support as needed throughout the day, based on site activities.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-034 through ERRG-A-IR07-037). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- An RCT performed an outgoing survey for free release of 1 Harris Blade (GMC) 4K gallon water truck. An RCT performed an incoming survey of 1 Harris Blade (Kenworth) 4K gallon water truck on July 19, 2010.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-030 through ERRG-A-IR07-033. No activity above the release criteria was identified in surveys ERRG-A-IR07-030 and ERRG-A-IR07-032. For surveys ERRG-A-IR07-031 and ERRG-A-IR07-033, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u>	LLRW Bin #
ERRG-A-IR07-031-030	to be designated
ERRG-A-IR07-033-006	to be designated
ERRG-A-IR07-033-017	to be designated

Issues/Items Pending Action

• None.

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 21/J	UL/10)	
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	024	ŀ	
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.1:	ames Nores			
AM WEATHER		Tremediation resources	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)	
C	lear, cool		Sunny, wi	3.		70		53	
Schedule			WORK PERFO	ORMED TODAY	1	1			
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
02,03,04	Crew working or	n 30' section connecting to the 3	5' previous days	ERRG	1	Superintendent		10	
		erday. Excavate to specified grad		ERRG	1	Construction Manager		10	
		specified overlaps and key-ins, p	•	ERRG ERRG	1	Project Manager		10	
	· ·	rip rap to specified elevations an ng with 1/4 ton rip rap. Spread o	QC Manager Tech Lead		10				
		thick layer. Crew working with T		ERRG ERRG	1	H&S Officer		10	
		on the screening strips. Take 3 I		ERRG	1	QC Staff		8	
	concrete stockp			ERRG	7	Equipment Operators		42	
				ERRG	8	Laborers		27	
				ERRG	5	Truck Drivers		28	
				Tetra Tech	3	Rad Techs		24	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		189	
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	RK	3311.5	
(If YES attach state	ement or checklis	t showing inspection performed.	,	? YES	■ NO	TOTAL WORK HOURS FROM	1	3500.5	
(If YES attach des	ARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? Lach description of incident and proposed action.) START OF CONSTRUCTION START OF CONSTRUCTION								
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.	
02,03,04	Tailgate safety b	oriefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	f				
EQUIDMENT AAT	EDIAL DEGENIE	TO TODAY TO DE INCODESTA	TED IN IOD (INDICATE OCUED						
Schedule	l	1	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)					
Activity No.	Submittal #	Description of Equipment/Mat							
03	001 and 001a	198.10 tons of 1/4 ton rip rap)						
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA'	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.				
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used	
	Harris Blade	4K water truck						8	
	ERRG	JD 200CLC Excavator						8	
	Harris Blade	Cat 950 Loader						8	
	United Rentals	25 KW Generators- 2ea						48	
	Rental Solutions	25KW Generator-1ea						12	
	SCS Tracer	Air Monitoring Skids- 2skids						48	
	Harris Blade	Cat 322 Long Reach						8	
	United Rentals	Takehuchi skidsteer loader/ B	Broche Sweeper					9	
Schedule Activity No.	REMARKS								
				mes Nores		7/21/10)		
				CONTRACTOR/SUPERIN	TENDENT	DATE			

4296/2 (9/98) SHEET 1 OF 1

	DATE 21/JUL/10							
	09-D-2608	TITLE AND LOCATION RA	IAL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 024	1 c	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		Tromodiation (coodings)	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
С	clear, cool		Sunny, wi			70		53
	1		WORK PERFO	ORMED TODAY	i	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
							-	
						TOTAL WORK HOURS ON JO)B	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHE		
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WO		
MAC CRANE/MAA		(If YES attach copy of complete	. ,	_	□ NO	HOURS FROM PREVIOUS REPORT		
(If YES attach state	ement or checklis	t showing inspection performed.	I WORK/ HAZMAT WORK DONE .)	YES	☐ NO	TOTAL WORK HOURS EDON		
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	'	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
Houvity 140.								
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
		<u> </u>						
CONSTRUCTION	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY I	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			ŀ	Hours Used
Activity No.	ERRG	JD310 Backhoe					-	6
	Harris Blade	Cat 735						7
	Harris Blade	2K Water Truck						7
	United Rentals	2K Water Truck						7
	Harris Blade	Cat LGP D-6 Bulldozer						8
	Harris Blade	Cat 735						7
	Harris Blade United Rentals	Hyundai Long Reach Excava Light Towers (3ea)	ator				\longrightarrow	8 24
Schedule		Light Towers (Sea)						24
Activity No.	REMARKS							
			Ja	mes Nores		7/21/10)	
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-260	18
DATE 7/21	LO TIME O	100 PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07+18, PAR	CEL B		
TYPE OF WORK			reline, flipliond	4
110001 0000			Rad pad Material	
	cox, import x	ak, LOAR OUT	RAD PHA MINTENAL	14 FIME
		TOPICS PRESENTED		
SAFETY TOPICS		SAFOTY, TRAFFIC, IS		
PROTECTIVE CLOTHIN		dhat, safety glasses w/side shield d PFD (personal flotation device)	s, reflective safety vest, shirt with s	leeves,
long pants,	steer-toed work boots. Gloves an	d PFD (personal notation device)	as necessary.	
CHEMICAL HAZARDS	Potential for low level radiati	on		
PHYSICAL HAZARDS	SHADOWS STAF	LANGE & LUST SOIL . L	CHICLES & EQUIPHON	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7 7	
EMERGENCY PROCEDI	JRES Employee to rep	ort any injury to Supervisor; Supe	rvisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHO	ONE 911/415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francis	sco, CA 941124		
SPECIAL EQUIPMENT		None		
		7,000		
NOTE:				
		ATTENDED.		
NAME PRINTED		COMPANY	FIGNATURE	
Heather Wollen	bura	ERRE	, Chiantone	
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LIZ BING	uns -	ERRY	Sept ?	
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Bolo-ento 1	gulen	E NEG	July Ther	R
May Lai	aI	4/2/2/9	12tei	
FERNANDO !	07A	FREG	101 / 1a1	
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Health & Safety Officer	DICK EPP	SUPERINT	NDENT VAMPS	Alove
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TAILGATE SAFETY MEETING

DATE	TIME	PROJECT N	ЈМВЕК
		ATTENDEES	
NAME PRINTED		COMPANY	MA SIGNATURE
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Barry Squater		Birola Tih.	18 Silvery
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ealth & Safety Officer		SU	PERINTENDENT
GNATURE			SNATURE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
CKGDay:	INFONGS DAY	Date:	1/21/10
Project Name: Weather:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.: Page:	29-141 of
Site Visitors:	See Tailgate Sign In Log.	_rage.	
Description of Field A			
SAFETY TI	MISSTE - REVIOUS WITH ALLHANDS OF	Raum 9	HOROLING EXCOVATION 6
ROUTINO	MY INSTAUSTING AHAI. COMPULTOD MURA	con BACK	UP DEMEN THINING.
Discusso	SMOONS, FOOTING, STAY OFF	RIPAR,	
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	I'G POTA GRAVE FREM OLD KAD. PADS I	FOR TOTAL	TECH. TO OFFSITE
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2	- LONG REMICH OXCHUNDING, STAROFT SWOTHER.		
gned:	Many	Date:	7/21/10
	11/1/1		/

AIR MONITORING LOG SHEET

of

Prepared by:

Project Name:

DICK GPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 721/10 @ 0230

Client:

Project No.:

Page: Standard Used:

US NAVY 29-141 1

ALR DOG

Location	Date	Time	consc In	strument 704	Comr	nents
#1	7/21/10	6240	0.021	0.018	18971	65.4
#2	11/	0256	0.043	0,042	10972	65.6
#3		8301	0.045	0.647	10973	61.9
)	0328	6.028	0,028	10971	59.2
#1		0341	0.063	0.054	10992	54.7
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1	1	8447	0.062	0,057	16972	60.2
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DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 21, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-038 through ERRG-A-IR07-039). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALIT	Y CONTRO	OL REPO	RI		/JUL/10
			(ATTACH ADDITIONAL SHI		RY)		REPORT NO	024
PHASE	CONTRAC	CT NO	N62473-09-D-2608	CONTRACT T	TILE RA at IR-0	07 & -18 at Parcel B; S G; and Soil Stockpiles	Soil Hotspot Locations at Parcels D-1 and C	at Parcels B,
	WAS PRE	PARATO	PRY PHASE WORK PREFORMED TODAY?		ı, aılu ا-ت		at Parceis D-1 and G	, 🔾, 🔾
R≺			AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	ST.			
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	WAS INIT	IAL PHAS	SE WORK PREFORMED TODAY?			YES NO		1
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INITIAL	Activity	y INO.						
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	WORK CO	OMPLIES	WITH CONTRACT AS APPROVED DURING INIT	TIAL PHASE?			YES NO	
	WORK CO	OMPLIES	WITH SAFETY REQUIREMENTS?				YES NO	
	Sche		Description of Work, Testing Performed & By Who	om, Definable Featur	re of Work, Specifica	ation		
	Activity	1	Section, Location and List of Personnel Present					
	02		Verified that activities performed conforme				odernatalis 00 f = 0 f = 0	
P .	03	3	Started and completed shoreline revetmen					
FOLLOW-UP			sections G and F), imported riprap for incor and revetment checklist.	poration in the rev	reament, verified t	nat activities performed co	onionnea to the shoreline	excavation
P.	04	1	Rad screening of large concrete debris from	m shoreline unloc	aded and spread	spoils from shoreling ever	avation on rad screening	nad
-0F	0-	+	Trad screening of large concrete debits not	in snoreline, unioz	aded and spread	spoils from shoreline exce	availon on rad screening	pau.
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		ENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUS	SINESS)		CORRECTED TODAY (FROM	REWORK ITEMS LIST)	
Sched Activity		escription			Schedule Activity No.	Description		
		olain Any	Follow-Up Phase Checklist Item From Above That	: Was Answered "NO	o"), Manuf. Rep On-	Site, etc.		
Sched Activity		escription						
0.1.1.10								
equipmen	t and materi	al used an	rtify that this report is complete and correct and d work performed during this reporting period is in		Elizabeth Bi	innina		7/21/10
	e with the c noted in this		awings and specifications to the best of my knowledge	_		MANAGER AT SITE		DATE
			GOVERNMENT QUALITY ASSUR	ANCE REPOR	T	DATE		
		CE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTION	NS TO THE REPOR	RT			
Sched Activity		escription						
				=	GOVEDNIMENT OF	JALITY ASSURANCE MANAC	GER	DATE
4296/2 (9/9	98)			,	OUVERNIVIEINI QU		HEET 1 OF 1	DATE

Site Clearing and Demolition

Date:	7/21/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
					Started description debut from the colling of
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	

Requirement	Phase	Yes	No	N/A	Comments
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/21/2010

Shoreline Excavation and Revetment

7/21/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			, ,
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L

Requirement	Phase	Yes	No	N/A	Comments			
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L			
Has the riprap been placed in one layer?	Follow up			X	, , , -			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up							
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up							
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up							
Have surveys been performed according to the specifications?	Follow up							
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up							
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up							
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up							
Receivables								
Material properties sheet		X						
Manufacturers QC Manual				X				
QC Certification		X						
QC Test report		X						
					Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal.			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal.			
					Verified that the riprap delivered on 7/9/10, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010 meets the gradation and product description identified in the riprap submittal.			
Calibration				X				

QC Manager:	Date:
Elizabeth Binning	7/21/2010



Photo 1: Shoreline Excavation and Revetment – Checking grade in excavation of section GF3L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: July 21, 2010

Photographed by: Elizabeth Binning (ERRG, Inc.)

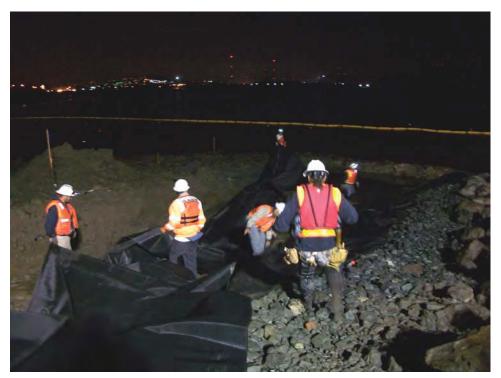


Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section GF3L. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Photographed by: Elizabeth Binning (ERRG, Inc.) Date: July 21, 2010





Photo 3: Shoreline Excavation and Revetment – Completed revetment in section GF3L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 21, 2010



	DATE 22/JUL/10										
CONTRACT NO N62473-0	09-D-2608	(ATTACH ADDITION. TITLE AND LOCATION RA Parcels B, D-1, and	ations at HPS, SF	REPORT NO 025							
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	.l:	ames Nores					
AM WEATHER		Tromediation resources			MAX TEMP (F)	MI	N TEMP (F)				
Foggy, cool N/A						63		53			
Schedule			WORK PERFO	ORMED TODAY	1	1					
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS			
02,03,04	Crew working or	a 30' section connecting to the 3	0' previous days	ERRG	1	Superintendent		10			
		erday. Excavate to specified grad		ERRG	1	Construction Manager		10			
			place a 6" layer of filter rock and	ERRG	1	Project Manager	10				
	· ·	rip rap to specified elevations a	· · · · · · · · · · · · · · · · · · ·	ERRG	1	QC Manager		10			
		naterial on the rad pad to ~12" the g down concrete debris on the s		ERRG ERRG	1	Tech Lead H&S Officer	10 8				
	·	3231 stockpile area. Take 10 loa		ERRG	2	QC Staff		16			
		to the Tetra Tech stockpile area		ERRG	5	Equipment Operators	39				
	location.	10 110 10114 1001 01001010 4101	a near the fermer proximing tarm	ERRG	5	Laborers	16				
				ERRG	4	Truck Drivers		33			
				Tetra Tech	3	Rad Techs		24			
		WAS A JOB SAFETY MEETING	G HELD THIS DATE?	YES	П по	TOTAL WORK HOURS ON JO SITE,	ЭB	186			
JO SAFE		(If YES attach copy of the meeti	,	123	□ №	THIS DATE, INCL CON'T SHE	ETS	100			
		WERE THERE ANY LOST TIM (If YES attach copy of complete	d OSHA report)	YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	3500.5				
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	YES	■ NO	TOTAL WORK HOURS FROM	1				
		ASTE RELEASED INTO THE ENt and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		3686.5			
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		■ SAFETY REQUIREMEN	NTS HA	VE BEEN MET.			
02,03,04	Tailgate safety b	oriefing, equipment inspections,	crew members required to don P	DF's within 50' of the water							
	MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)										
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received								
CONSTRUCTION	AND PLANT EQ		Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY I	NUMBER.						
Schedule Activity No.	Owner Description of Construction Equipment Used Today (incl Make and Model)										
	Harris Blade 4K water truck										
	ERRG JD 200CLC Excavator							8			
	Harris Blade	Cat 950 Loader						8			
	United Rentals	25 KW Generators- 2ea						48			
	Rental Solutions	25KW Generator-1ea						12			
	SCS Tracer	Air Monitoring Skids- 2skids						48			
	Harris Blade Cat 322 Long Reach							8 7			
	United Rentals Takehuchi skidsteer loader/ Broche Sweeper										
Schedule Activity No.	REMARKS										
	I			NI: :		7/00/4					
				mes Nores CONTRACTOR/SUPERIN	TENDENT	7/22/10 DATE	J				

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE	PORT		DATE 22/JUL	/10
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 025	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores	
AM WEATHER		Tromodiation (coodings)	PM WEATHER			MAX TEMP (F)	MIN TEMP (F)
F	oggy, cool		N/A			63	53
	1		WORK PERFO	ORMED TODAY	1	i	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JOB	
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	□ NO	SITE, THIS DATE, INCL CON'T SHEETS	3
SAFE		WERE THERE ANY LOST TIME		YES	□ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS	
WAS CRANE/MAN	NLIFT/TRENCHIN	IG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE			REPORT	
,		t showing inspection performed.	,	YES	☐ NO	TOTAL WORK HOURS FROM	
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENTS	HAVE BEEN MET.
EOLIIDMENT/MAT	EDIAL DECEIVE	D TODAY TO BE INCORDORA	ATED IN JOB (INDICATE SCHE	DI II E ACTIVITY NI IMPEDI			
Schedule	Submittal #	Description of Equipment/Mat		DOLE ACTIVITY NOWIBER)			
Activity No.	Submittal #	Description of Equipment/wat	teriai i veceiveu				
	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY N	NUMBER.		1
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used
	ERRG	JD310 Backhoe					0
	Harris Blade	Cat 735					4
	Harris Blade United Rentals	2K Water Truck 2K Water Truck					7
	Harris Blade	Cat LGP D-6 Bulldozer					8
	Harris Blade	Cat 735					7
	Harris Blade	Hyundai Long Reach Excava	ator				8
	United Rentals	Light Towers (3ea)					24
Schedule Activity No.	REMARKS						
			اها.	mes Nores		7/22/10	
				CONTRACTOR/SUPERINT	TENDENT	DATE	_



SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D	-2608
DATE 7/22	10 TIME 02	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	IR-07+18 PAR	COL B		
		1		61:
TYPE OF WORK	COMMINSE REVE	tment constructi	on, continue	OCE STIS
	Placement / Lord or	T, Lord/trans re	a paa MATERIAL	
- In	SAFETY TO	OPICS PRESENTED		
SAFETY TOPICS	NITE WORK, WATER	SAFOTY, STAF, EQUIT	PHM , TRAFFIC, SPEED	
PROTECTIVE CLOTHIN		nat, safety glasses w/side shields		with sleeves,
long pants, s	teel-toed work boots. Gloves and	PFD (personal flotation device) a	as necessary.	
-				
CHEMICAL HAZARDS	Potential for low level radiatio	n		
PHYSICAL HAZARDS	INTHICK + KAMPIN	NT, POLLING ROCKS,	Luation	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Dances + equipe	in, racing Rocks,	CC(1/07)	
EMERGENCY PROCEDU	RES Employee to repor	t any injury to Supervisor; Super	visor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHO	NE 911/ 415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco	to, CA 941124		
SPECIAL EQUIPMENT		None		
ST ECINE EQUIT TIETT		Hone		
NOTE:				
				-
		ATTENDEES		
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lealth & Safety Officer	DICK EN	SUPERINTE	NDENT SAMES	Xloves
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DATE	7/21/10	TIME _	~	PROJECT NUMBE	ER 29-14/
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Health & Sa	fety Officer	-		SUPERI	INTENDENT
SIGNATURE				SIGNAT	TURE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the N	avy
RODay:	THURSDAY	Date:	7/22/16	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		29-141	of
Weather: Site Visitors:	See Tailgate Sign In Log.	Page:		of
Description of Field A				
	A STATE OF THE STA	Service English	STATE VENDER	Wood and
SAFOTY T	TAMBATE - SPUED, TRAFFIC, OGUI	PMont, LI	GLATING, SE	POTTETLS,
STAY &	E RIPRIP,			
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Courinu	D WITH SHOROLING ROVETMENT WA	ek.		
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Howking	PEAGANO TO TOTAL TOCH.			
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		1 10 10 10 10		
Assista	A TETRA TECH WITH RUBBLE SCANNIL	de PROCE	m,	
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				_
EQUIPMENT	in use 1 3 warms Toucks, 2 Dump The	verr, 2 Lo	NG-REMON ET	CAVATORS,
	ATON, DOZER, BACKHOE, LOADER, SK	DSTOOR		

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

DIEK EPP

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

7/20/10 e 0300

Client:

Project No.:

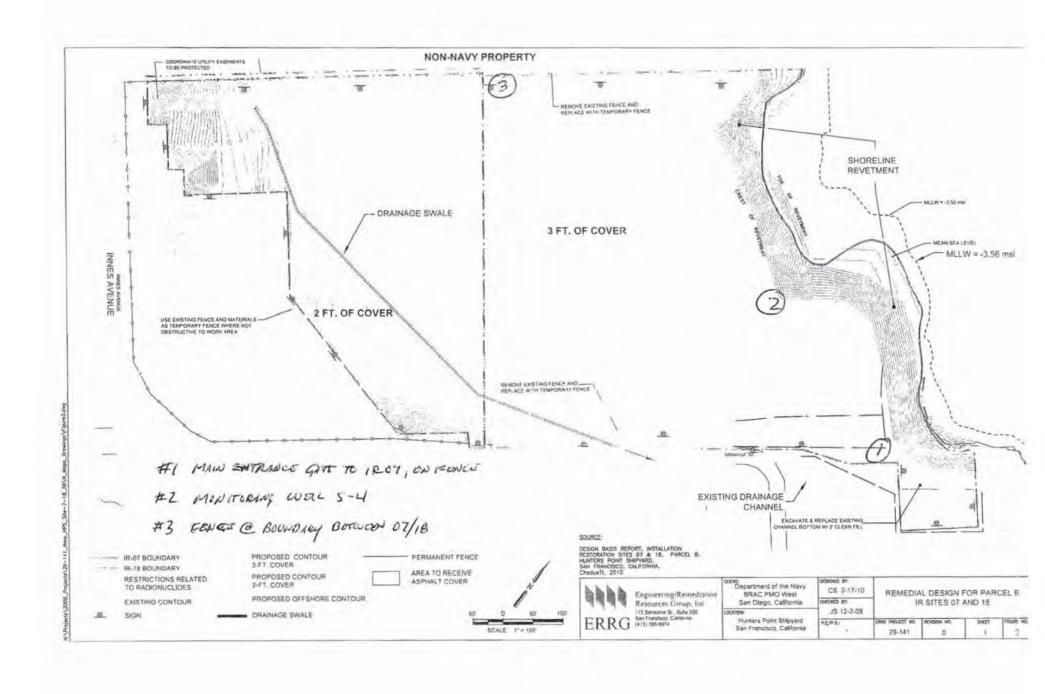
Standard Used:

U3 NOVY 29-141

Page:

AIR BAG

Location	Date	Time	CONC. In	strument TWA	Comme	BA
#1	7/22/10	0320	0,013	0.010	10971	59.4
#2	1	0325	0.014	0.008	10972	59,3
#3		0332	0.019	0.021	10973	61.0
#2		0419	0,014	0.012	10972	60.0
#3		0427	0.032	0.018	10973	646
#1		0436	0.001	0.001	10971	59,4
		0527	0.001	0.000	10971	60.
#1		0530	0,017	0.014	10972	62.2
#3		0598	0.020	0,019	16973	69.0
#1	1	0639	0.006	0.002	10971	69,1
A2	1 1	0642	0.027	0.016	10972	67.1
#3	11	0646	0.020	0.021	10973	68:
	1	0806	0.019	0.010	10971	65.
#1	1	0811	0.021	0.018	10972	70.3
#3	1 \	0820	0.023	0.013	10973	59.7
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#2	1	0940	0.009	0,018	10972	68,7
#3		1021	0.021	0.017	10973	60.
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#1 Motory DEAD		1026		5.45 (III	10971	57.0
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DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-040 through ERRG-A-IR07-043). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-034 through ERRG-A-IR07-039. No activity above the release criteria was identified in surveys ERRG-A-IR07-036, ERRG-A-IR07-038, and ERRG-A-IR07-039. For surveys ERRG-A-IR07-034, ERRG-A-IR07-035, and ERRG-A-IR07-037, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u>	LLRW Bin #
ERRG-A-IR07-034-009	to be designated
ERRG-A-IR07-034-022	to be designated
ERRG-A-IR07-034-034	to be designated

_Daily Status Report Page 2 of 2

ERRG-A-IR07-035-003	to be designated
ERRG-A-IR07-035-007	to be designated
ERRG-A-IR07-035-009	to be designated
ERRG-A-IR07-035-010	to be designated
ERRG-A-IR07-035-012	to be designated
ERRG-A-IR07-035-014	to be designated
ERRG-A-IR07-035-016	to be designated
ERRG-A-IR07-035-018	to be designated
ERRG-A-IR07-035-019	to be designated
ERRG-A-IR07-035-022	to be designated
ERRG-A-IR07-035-023	to be designated
ERRG-A-IR07-035-024	to be designated
ERRG-A-IR07-035-025	to be designated
ERRG-A-IR07-035-028	to be designated
ERRG-A-IR07-035-032	to be designated
ERRG-A-IR07-035-035	to be designated
ERRG-A-IR07-035-007	to be designated
ERRG-A-IR07-037-021	to be designated

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALITY			RT		DATE REPORT		2/JUL/10
PHASE	CONTRACT	NO. P	(ATTACH ADDITIONAL SHEE	CONTRACT T	PA at IP	07 & -18 at Parcel B;	Soil H	NO lotspot L	ocation	025 s at Parcels B,
PHASE			N62473-09-D-2608	CONTRACT	D-1, and	G; and Soil Stockpile	s at Pa ■	arcels D	-1 and C	S, HPS, SF
≿			RY PHASE WORK PREFORMED TODAY? .ND ATTACH SUPPLEMENTAL PREPARATORY P	HASE CHECKLIS	Т.	YES NO				
PREPARATORY	Schedule	Э	Definable Feature of Work							Index#
RA.	Activity No	0.								
ΡA										
PRE										
			E WORK PREFORMED TODAY?			YES NO				
_	Schedule	_	ND ATTACH SUPPLEMENTAL INITIAL PHASE CH	IECKLIST.						1
INITIAL	Activity No		Definable Feature of Work							Index #
Ī										
	WORK COME	PLIES	WITH CONTRACT AS APPROVED DURING INITIA	L PHASE?			YES		NO []
	WORK COMP	PLIES	WITH SAFETY REQUIREMENTS?				YES		NO]
	Schedule Activity No									
	02		Started removing deconstructed rad pad mat	erial from RCA	and stockpiled of	ffsite by the former pickli	ing tank	in Parce	I G, remo	ved rad cleared
굡		- 1	concrete debris from RCA and stockpiled nea							
<u>۸</u>	O3 Started and completed shoreline revetment on sections GF4L (lower portion of the forth section (approximately 30 feet) between cross Grand F), verified that activities performed conformed to the shoreline excavation and revetment checklist.								cross sections	
FOLLOW-UP	04	- 1	Rad screening of large concrete debris from					n on rad	screening	n pad.
F0.										, , , , , , , , , , , , , , , , , , , ,
REWORK	ITEMS IDENT	IFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSIN	ESS)	REWORK ITEMS	CORRECTED TODAY (FRO	OM REW	ORK ITEM	IS LIST)	
Sched Activity		ription			Schedule Activity No.	Description				
DEMARK	0 /Al Fl-i-		The state of the s	/ A	II) Manuf Dan On	O'the sale				
Sched Activity	ule Descr	n Any i	Follow-Up Phase Checklist Item From Above That W	as Answered "NO	"), Manut. Rep On-	Site, etc.				
On behalf	of the contracto	or Leer	tify that this report is complete and correct and							
equipmen compliance	t and material use with the contr	sed and ract dra	work performed during this reporting period is in wings and specifications to the best of my knowledge	_	Elizabeth B	-				7/22/10
except as	noted in this rep	ort.	COVERNMENT CHALLEY ACCURA			MANAGER AT SITE				DATE
QUALITY /	ASSURANCE	REPR	GOVERNMENT QUALITY ASSURA ESENTATIVE'S REMARKS AND/OR EXCEPTIONS			DATE				
Sched Activity	ule	ription								
4296/2 (9/9	98)			(GOVERNMENT QU	JALITY ASSURANCE MAN	AGER SHEET	1 OF 1		DATE

Site Clearing and Demolition

Date: 7/22/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place including but is not limited	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/22/2010

Shoreline Excavation and Revetment

7/22/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments			
Field Inspection								
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X						
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X						
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.			
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010			
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.			
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
Have surfaces on which the gostowill will be placed been prepared to a	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
Has the prepared base been approved by the Contracting Officer?	Follow up			X				
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L			
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap	Follow up			X				

Requirement	Phase	Yes	No	N/A	Comments
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L

Requirement	Phase	Yes	No	N/A	Comments
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010 meets the gradation and product description identified in the riprap submittal.
Calibration				X	NO ALLEY WATER

QC Manager:	Date:
Elizabeth Binning	7/22/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section GF4L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 22, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section GF4L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 22, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of riprap in the toe of section GF4L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Photo 3: Shoreline Excavation and Revetment - Placement of riprap in section GF4L. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California Date: July 22, 2010

Photographed by: Tanner Bennett (ERRG, Inc.)



Date: July 22, 2010

	CC	NTRACTOR PRODUCTION RI (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE 23/JUL/10					
	09-D-2608	TITLE AND LOCATION RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF Superintendent Superin							
CONTRACTOR	Engineering	/Remediation Resources Group, Inc.	SUPERINTENDENT	J	ames Nores				
AM WEATHER F	oggy, cool	PM WEATHER	indy, mild		MAX TEMP (F) 65	MIN TEMP (F) 53			
		WORK PERF	ORMED TODAY						
Schedule Activity No.		WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS			
02,03,04	Crew working or	n 30' section connecting to the 30' previous days	ERRG	1	Superintendent	11			
	piece from yeste	erday. Excavate to specified grade lines and depth- place	ERRG	1	Construction Manager	11			
	filter fabric with	specified overlaps and key-ins, place a 6" layer of filter rock and	ERRG	1	Project Manager	11			
	· ·	rip rap to specified elevations and tolerances. Spread out	ERRG	1	QC Manager	9			
		naterial on the rad pad to ~12" thick layer. Crew working with	ERRG	1	Tech Lead	11			
		ng concrete debris on the screening strips. Take 14 loads d pad material to the Tetra Tech stockpile area near the former	ERRG ERRG	1 2	H&S Officer QC Staff	8			
	pickling tank loc	· · · · · · · · · · · · · · · · · · ·	ERRG	6	Equipment Operators	35			
	protating tarile loo	2001.	ERRG	7	Laborers	15			
			ERRG	4	Truck Drivers	33			
			Tetra Tech	3	Rad Techs	24			
JO		WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	□ NO	TOTAL WORK HOURS ON JOB SITE,	184			
SAFE	TY	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES	■ NO	THIS DATE, INCL CON'T SHEET CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS				
	NLIFT/TRENCHIN	IG/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DON t showing inspection performed.)	E? YES	■ NO	REPORT	3000.5			
		ASTE RELEASED INTO THE ENVIRONMENT? t and proposed action.)	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	3870.5			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.								
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water								
, , , , , ,	, 0. (p. 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -								
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)						
Schedule Activity No.	Submittal #	Description of Equipment/Material Received							
03	001 and 001a	338.54 tons of 1/4ton rip rap							
CONSTRUCTION	AND PLANT FO	UIPMENT ON JOB SITE TODAY. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY N	JUMBER					
Schedule	Owner	Description of Construction Equipment Used Today (incl Mak		VOIVIBEIX.		Hours Used			
Activity No.	Harris Blade	4K water truck				8			
	ERRG	JD 200CLC Excavator				8			
	Harris Blade	Cat 950 Loader				8			
	United Rentals	25 KW Generators- 2ea				48			
	Rental Solutions	25KW Generator-1ea				12			
	SCS Tracer	Air Monitoring Skids- 2skids				48			
	Harris Blade	Cat 322 Long Reach				8			
	United Rentals	Takehuchi skidsteer loader				8			
Schedule Activity No.	REMARKS								
	ROICC on site t	today ~1000-1030 for site inspection							
		·							
	1	la la	mes Nores		7/23/10				
			CONTRACTOR/SUPERINT	TENDENT	DATE				

	CO	NTRACTOR PF (ATTACH ADDITION)	DATE 23/JUL/10					
	09-D-2608	TITLE AND LOCATION RA	at IR-07 & -18 at Parcel G; and Soil Stockpiles at	Parcels D-1 and G,	С	ont.		
CONTRACTOR	Engineering	Remediation Resources	Group, Inc.	SUPERINTENDENT	J	ames Nores		
AM WEATHER			PM WEATHER	adv mild		MAX TEMP (F)	IIM	N TEMP (F)
F	oggy, cool		Sunny, wi			65		53
Schedule				RMED TODAY	1		\neg	
Activity No.		WORK LOCATION AND DES	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
					-			
					-			
					+			
	<u> </u>	WAS A JOB SAFETY MEETING	NUELD THIS DATE?			TOTAL WORK HOURS ON JO	В	
JO	В	(If YES attach copy of the meeti		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE	ETS	
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of completed		YES	□ NO	CUMULATIVE TOTAL OF WOR HOURS FROM PREVIOUS		
		G/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE	? □ YES	□ NO	REPORT		
WAS HAZARDOU	S MATERIAL/WA	STE RELEASED INTO THE EN t and proposed action.)	•	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule			TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMEN	TS HA\	/E REEN MET
Activity No.	Elot on Elita	STIGNO TAILEN TODATION E	THINGI EGITIGING GOINEGOTES					, E DELIVINET.
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mate	erial Received					
CONSTRUCTION	AND PLANT EQU		7. INDICATE HOURS USED AN	D SCHEDULE ACTIVITY N	IUMBER.			
Schedule	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)			1	Hours Used
Activity No.	ERRG	JD310 Backhoe	• • • • • • • • • • • • • • • • • • • •	,				0
	Harris Blade	Cat 735-2ea						16
	Harris Blade	2K Water Truck						8
	United Rentals	2K Water Truck						8
	Harris Blade	Cat LGP D-6 Bulldozer						8
	United Rental	Broce broom Sweeper					\longrightarrow	2
	Harris Blade	Hyundai Long Reach Excavat	for					8
O a la a alcala	United Rentals	Light Towers (3ea)						24
Schedule Activity No.	REMARKS							
			Jar	mes Nores		7/23/10	ı	
				CONTRACTOR/SUPERINT	ENDENT	DATE		



SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 7/23	2010 TIME 0230	PROJECT NUMBER _	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	IR710 HANS SON	Francisco	
TYPE OF WORK	Sheleline Lovelmenz		
-	SAFETY TOPIC	S PRESENTED	
SAFETY TOPICS	Longstich excavated		E EQUIPINTI PLATTIC
PROTECTIVE CLOTHIN	G/EQUIPMENT Hardhat, s	safety glasses w/side shields,	reflective safety vest, shirt with sleeves,
long pants, s	teel-toed work boots. Gloves and PFD	(personal flotation device) as	necessary.
-			
CHEMICAL HAZARDS	Potential for low level radiation	-	
PHYSICAL HAZARDS	Low Light, STF, wise		
EMERGENCY PROCEDU		y injury to Supervisor; Superv	isor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHONE	911/ 415-641-6625(ER) P	ARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco, CA	A 941124	
SPECIAL EQUIPMENT		None	
NOTE:			
	-		
		ATTENDEES	
NAME PRINTED	wein ERI	26	SIGNATURE
		20	Jan Dany
	rinec <u>er</u>		sector
Migmy 1464	ER GHK	7	THE COLD A
Kobierto Ho	vilera Ely	29	Whit Malores
William, Schm	idt ERR	-	Tom T. Pent
William Schm		20 ,	x'a M.M.
Scott No Ahla	Hall:	S/ERRL-	hot white 11.
Borses Targe		ks =	Baylle Partill
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GI BINNI	a ER		12 11
- TO INIVINI	7	7	A AMANA II
Health & Safety Officer	DICK BOD	SUPERINTEN	BENT VALLS WELLS
SIGNATURE	Monn	SIGNATURE	Leurel/110
7	- July	_	The state of the s



DATE	TIME	PROJECT NUMBE	R
		ATTENDEES	
AShley Dyon es PASHTANIA JASHTANIA JASHTANIA Shirley Ng A Klud ()		COMPANY EMS BINDA NANAK TRK 2014	July 5 Dr
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Health & Safety Officer		SUPERI	NTENDENT
SIGNATURE		SIGNAT	URE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
RGDay:	FRIDAY	Date:	7/23/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		29-141
Weather:	CLOUDY	Page:	/ of
Site Visitors:	See Tailgate Sign In Log.		
Description of Field			
SAFETY TA	AILGATE - NIGHT WORK, EQUIPMENT	, SPOSTO,	TRAPFIC, STOFF
CONTINUOD	SHOREUNE DEVOTINGST - WORK ARE	of the unia	NATION 5+Fa.
HAVLING	PEA GRAVEL TO TETRATECH.		
	SIVE NOISE DETECTED.	or Berwa	0230 4-0400, KJO
EXPAND	DE SPOIL DAYING DADS.		
ASSISTI	ILLY TOTRA TOCH WITH PUBBLE SCANNING		
RECEINE	D RIPRAP, WASHED TOWK TINGS + SWI	PT DOWAN	IVE ST.
-			
	IN USE: 3 WATER TRUCKS, 2 DUMP T	evor, zu	ONG BUDON OFCHURTORS,
- EXAM	MOR, LOHDAR, SKINSTEER, DOZER		
igned:	May	Date:	7/23/10

AIR MONITORING LOG SHEET

ERRG US NAVY

Prepared by: Project Name:

DIEK OPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

07/22/10 .

Client:

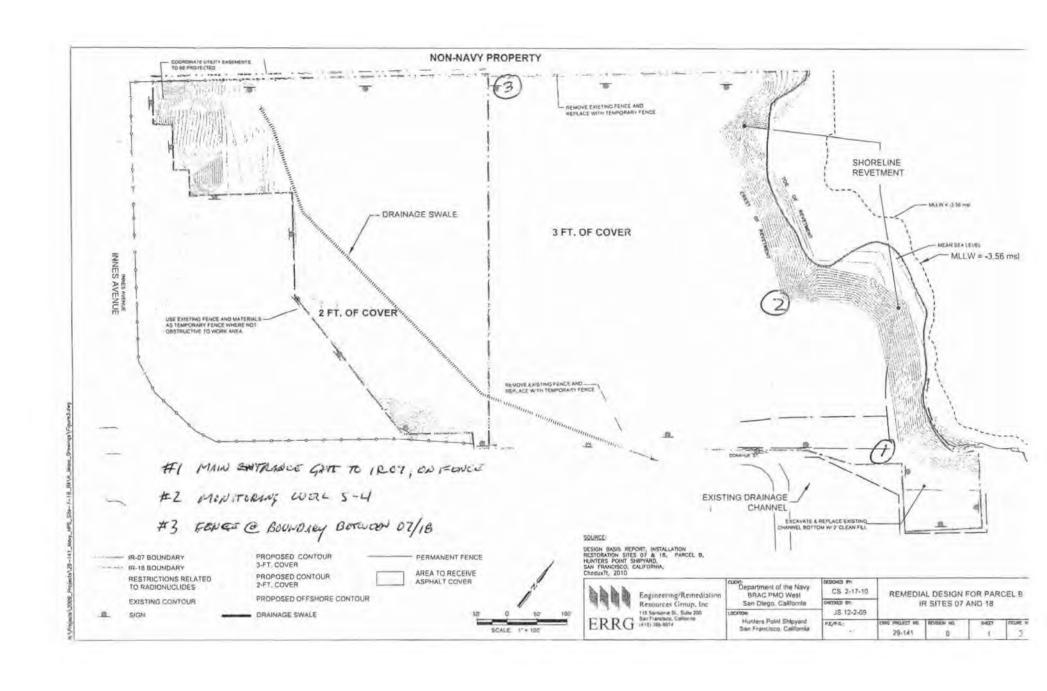
Project No.:

Page: Standard Used:

AIR MAG

29-141

7/23/10	Time		DataRAM		4 B/S
1122110	0315	0.052	0.010	10971	56,0
1		0.032	0.025	10972	60.1
		0.030			61,5
					61.8
	0359			10972	41.5
	6402	0.013	0.002	10971	58.7
	0951	0.000	0.001	10971	6000
		0.020	0.018	10972	62.3
	6504		6,023	10973	63.9
	0558	0.001	0.001	10971	59.6
	0604	0.021	0.018	10972	64.6
	0609	0.021	0.022	10973	61.0
	0.700	6.000	0.003	10971	64.1
	0705	0.019	0.018	10972	63.7
	0711	0.022		16973	61.6
1 1	0820	0,002	6.003	10971	72.1
and the same	0857	0.018	0.018	16972	60.6
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	1021	0.011	0.026	10973	62.4
	1111	0.029	0.019	10973	62.1
	1115	0.025	0.016	10972	57.4
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DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-044 through ERRG-A-IR07-046). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.

The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-040 through ERRG-A-IR07-041. No activity above the release criteria was identified in these surveys.

<u>Issues/Items Pending Action</u>

None.

		(CONTRACTOR QUALITY			RT		DATE		JUL/10
			(ATTACH ADDITIONAL SHEE		PΔ at IR-	07 & -18 at Parcel	B: Soil H	otspot Lo		026 at Parcels B.
PHASE			N62473-09-D-2608	CONTRACT T	D-1, and	G; and Soil Stockp	les at Pa	arcels D-1	and G,	HPS, SF
≿		PREPARATORY PHASE WORK PREFORMED TODAY? YES NO NO NO NO NO NO NO NO NO NO								
PREPARATORY	Schedu	ıle	Definable Feature of Work	TIAGE OFFICIALIO	1.					Index #
RAI	Activity I	No.	Delinable Feducie of Wein							macx //
PAI										
) RE										
			SE WORK PREFORMED TODAY?			YES NO				
	IF YES, FIL		AND ATTACH SUPPLEMENTAL INITIAL PHASE CH	HECKLIST.						
IAL	Activity I		Definable Feature of Work							Index #
INITIAL										
_										
	WORK COM	MPLIES	WITH CONTRACT AS APPROVED DURING INITIA	AL PHASE?			YES		NO 🗌	
	WORK COM	MPLIES	WITH SAFETY REQUIREMENTS?				YES		NO 🗌	
		Schedule Activity No. Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present								
	02	02 Continued removing deconstructed rad pad material from RCA and stockpiled offsite by the former pickling tank in Parce					el G, verit	fied that activities		
<u> </u>		performed conformed to the site clearing and demolition checklist.								
۸-۱	03		Started and completed shoreline revetment of							
FOLLOW-UP		F and E), unloaded and stockpiled riprap along the top of the revetment, verified that activities performed conformed to the sho excavation and revetment checklist.							tne snore	line
- FO	04	04 Rad screening of large concrete debris from shoreline, unloaded and spread spoils from shoreline excavation on rad screening					reening p	ad.		
					•					
REWORK	ITEMS IDEN	NTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSIN	IESS)	REWORK ITEMS	CORRECTED TODAY (F	ROM REW	ORK ITEMS	LIST)	
Sched Activity		cription			Schedule Activity No.	Description				
					•					
DEMA DIV	2 (4) 5 1									
Sched Activity	ule Des	ain Any i	Follow-Up Phase Checklist Item From Above That W	as Answered "NO	"), Manuf. Rep On-	Site, etc.				
Activity	NO.									
On bahalf	of the centre	ator Laar	rtify that this report is complete and correct and							
equipmen	t and material	used and	I work performed during this reporting period is in usings and specifications to the best of my knowledge		Elizabeth B	inning			7	7/23/10
	noted in this r		- 1 , J	Ā	UTHORIZED QC N	MANAGER AT SITE				DATE
OLIALITY	A S S I I D A NI C	E DEDD	GOVERNMENT QUALITY ASSURA ESENTATIVE'S REMARKS AND/OR EXCEPTIONS			DATE				
Sched	ule	cription	RESERVATIVE STREWING AND/OR EXCEPTIONS	, TO THE NEFUR						
Activity	NO.									
					GOVERNMENT OL	JALITY ASSURANCE MA	NAGER			DATE
4296/2 (9/9	98)						SHEET 1	OF 1		

Site Clearing and Demolition

Date: 7/23/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
	1		1		

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/23/2010

Shoreline Excavation and Revetment

7/23/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material between F and H for riprap on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	-				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L

Requirement	Phase	Yes	No	N/A	Comments
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?					The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	up Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/23/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section FE1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 23, 2010



Photo 2: Shoreline Excavation and Revetment – Grade checking the subgrade of section FE1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 23, 2010



Photo 3: Shoreline Excavation and Revetment – Installation of geotextile in section FE1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 23, 2010



Photo 3: Shoreline Excavation and Revetment – Placement of riprap in section FE1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 23, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 24/JUL/10			
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO 027		
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		, remediation recodules	PM WEATHER			MAX TEMP (F)	MIN	ITEMP (F)
F	oggy, cool		Sunny, wi			65		53
	1		WORK PERFO	DRMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew working or	n 30' section connecting to the 3	0' previous days	ERRG	1	Superintendent		8
	piece from yeste	erday. Excavate to specified grad	de lines and depth- place	ERRG	1	Construction Manager		0
	filter fabric with	specified overlaps and key-ins, p	place a 6" layer of filter rock and	ERRG	1	Project Manager		4
	· ·	rip rap to specified elevations a	•	ERRG	1	QC Manager		8
		naterial on the rad pad to ~12" th	-	ERRG ERRG	1	Tech Lead H&S Officer		8
		ng concrete debris on the scree	• .	ERRG	2	QC Staff		16
	pickling tank loc	•	Stookpile area flear the former	ERRG	5	Equipment Operators		34
	, ,			ERRG	7	Laborers		14
				ERRG	5	Truck Drivers		32
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		156
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		3870.5
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	YES	■ NO	REPORT TOTAL WORK HOURS FROM		
(If YES attach des		ASTE RELEASED INTO THE ENtransition transfer and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		4026.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	ITS HAV	E BEEN MET.
02,03,04	Tailgate safety b	priefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r			
Schedule	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER)	1			
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
03	001 and 001a							
CONSTRUCTION	AND PLANT EQ	<u> </u>	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)			-	Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions							12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						<u>8</u> 8
Schedule	United Rentals	Takehuchi skidsteer loader						0
Activity No.	REMARKS							
-								
				mes Nores CONTRACTOR/SUPERIN	TENDENT	7/24/10)	

	CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 24/JUL/10		
	09-D-2608	itions at HPS, SF	REPORT NO 027	С	ont.				
CONTRACTOR	Engineering	Remediation Resources	Group. Inc.	SUPERINTENDENT	Ji	ames Nores			
AM WEATHER			PM WEATHER	ndv mild		MAX TEMP (F)	IIM	N TEMP (F)	
F	oggy, cool		Sunny, wi			65		53	
Schedule				ORMED TODAY	1				
Activity No.		WORK LOCATION AND DES	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
							\dashv		
	1					TOTAL WORK HOURS ON JO	В		
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEI			
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of completed		YES	□ NO	CUMULATIVE TOTAL OF WOR HOURS FROM PREVIOUS			
			WORK/ HAZMAT WORK DONE	? □ YES	□ №	REPORT			
WAS HAZARDOU	S MATERIAL/WA	t showing inspection performed. STE RELEASED INTO THE EN t and proposed action.)	•	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION			
Schedule			TY INSPECTIONS CONDUCTED			SAFETY REQUIREMEN	TC UA\	/E DEEN MET	
Activity No.	LIOT OAI LITTA	STICKS TAKEN TODATIONE	TI INOI ECTIONO CONDUCTED			OAI ETT NEQUINEIVIEN	TOTIA	/L BLLIV MILT.	
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Mate	erial Received						
CONSTRUCTION	AND PLANT EQI	 JIPMENT ON JOB SITE TODA	7. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY N	UMBER.				
Schedule	Owner	1	quipment Used Today (incl Make				I	Hours Used	
Activity No.	ERRG	JD310 Backhoe	quipment deed ready (me mane	and model,			\dashv	0	
	Harris Blade	Cat 735-2ea						16	
	Harris Blade	2K Water Truck						8	
	United Rentals	2K Water Truck						8	
	Harris Blade	Cat LGP D-6 Bulldozer						8	
	United Rental	Broce broom Sweeper						2	
	Harris Blade	Hyundai Long Reach Excavat	or					8	
	United Rentals	Light Towers (3ea)						24	
Schedule Activity No.	REMARKS								
			Jar	mes Nores		7/24/10	ı		
				CONTRACTOR/SUPERINT	ENDENT	DATE			



SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09)-D-2608
DATE 7/2	24/10 TIME	0300 PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07 PM	NCOL B HPS		
TYPE OF WORK	,	ROVETHUNT, HAVE	NE PEN GRAVER	,
	CASS	TV TODICS DRESENTED		
AFETY TOPICS	and the second s	TY TOPICS PRESENTED	TRAFFIC ROCKS,	STYF
ROTECTIVE CLOTHIN	G/EQUIPMENT	Hardhat, safety glasses w/side shiel	lds, reflective safety vest, shi	
long pants, s	teel-toed work boots. Glove	s and PFD (personal flotation device	e) as necessary.	
CHEMICAL HAZARDS	Potential for low level ra	diation		
PHYSICAL HAZARDS	EQUIPMENT, TRA	FFIC, UNEVEN + WOT SURFA	KES, NITE VISIBILITY	
	110000000000000000000000000000000000000		2 4 4 4 4 4 4 4	
MERGENCY PROCEDU		report any injury to Supervisor; Sup		
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/ 415-641-6625(ER	PARAMEDIC PHONE	911
IOSPITAL ADDRESS	3555 Cesar Chavez, San Fra	ancisco, CA 941124		
PECIAL EQUIPMENT		None		
		ATTENDEES		
, NAME PRINTED		COMPANY	SIGNATU	RE
ICENTE VALEN		ERRE	theent Alal	enero
ROBERTO HOUSE		ERRG TERRG	They With	Co es
FERNANDO LES		trr6	fr m	- Maria
DAUED HASA	<u>v</u>	ERRG	Dan Hand	
Villaum (40)	2000	ak ILG	John Op	- 24
Ken Mark.	1	EKKO	12 M.A ,	y c
Borus Porch	10	EKRG	Bons Fere M	le .
William Schmi	ar	ERRG	Willy se	مولا
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Shant Morter	×10	1756	There	/
42 Binniha		ERRY	03	
JOHN SQURINLE)	GRAGI	7	
ealth & Safety Officer	DICK SPP	SUPERIN	TENDENT NAME	5 Norces
GNATURE	Mon	SIGNATUI	RE JAMEN !	17/
WITH WILL	10 0 1 - 1 1	SIGNATU	~ VANUUUU //	/ / /

DAILY FIELD ACTIVITY LOG

Prepared by:	Dishard Eng	Client:	Dept of the Navy
RGDay:	SATURDAY	Date:	7/24/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		
Weather:	CLORR.	Page:	/ of
Site Visitors:	See Tailgate Sign In Log.	- age.	
Description of Field A			
		3511	
0300SAFUTY TAIL	LGATE - STAY OFF RIPRAP, DARK S	HOTY, W	DOOR SAFOTY, SPOOD
Equi	PHIMT, TRAFFIC		
ILLUmina	TIM 5+ FC IN WORK ARTA @	0325	-
CONTINUE	D CHURRING REVETMENT WOR	2K	
HAULING	G PEAGRAVEL TO TETRA TEC	4.	
Louding	LL WASTE PUBBLE 15TO LLWE I	3/25	
ASS ISTING	TETRATECH W/ RUBBLE SCANNING		
LEVELL	ig SPOIL ON SHORELINE SOIL RAD	PAD	
-			
Privation.	OVITIN USG! 3 WATER TRUCK, 2 DAM	a Thurs	3 100 05 00 000
	AVATOR, BULLDIOZER, SKID STEER		
Ve.			
Signed:	May	Date:	7/4/10

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

Client:

Project No.:

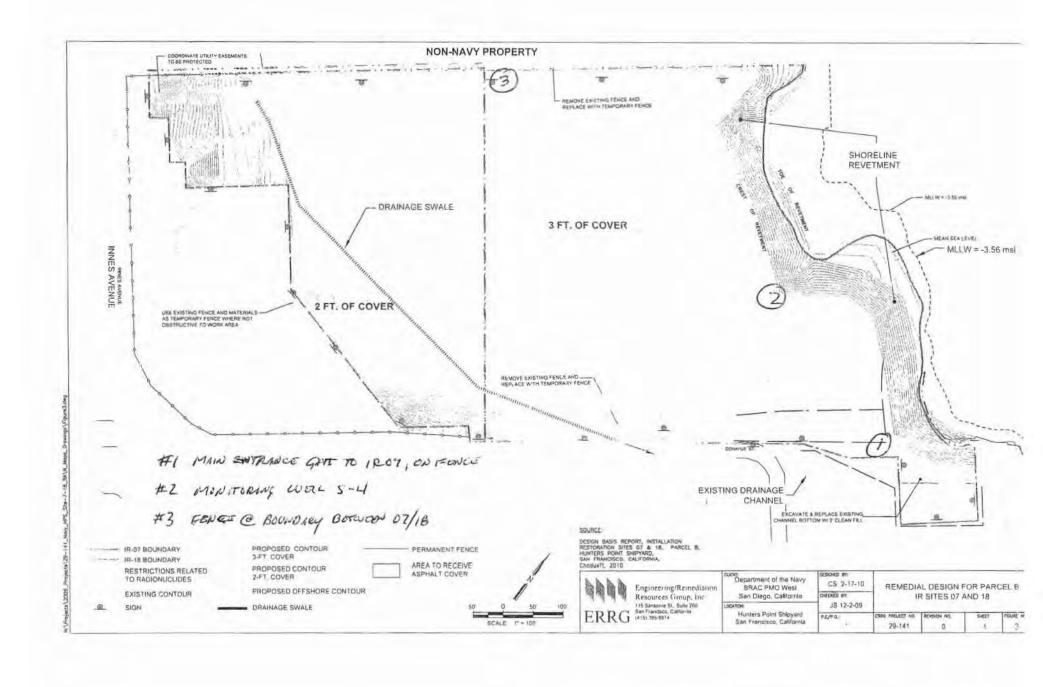
29-141

of

US NAVY

Page: Standard Used: ALL BAG

Date 14/10	Time 0328 0336 0345 0345 0425 0439 0545 0548 0554 0557	0.042 0.010 0.014 0.029 0.039 0.001 0.016	0.030 0.016 0.015 0.012 0.027 0.030 0.010 0.019	10972 10971 10971 10971 10972 10973 10972 BULLDOZOZ NOME OTELS BOUNDARY 10973	68.2 64.2 68.2 65.2 64.5 63.4 64.4 54.8 57.2
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	0345 0425 0434 0439 0545 0548 0554 0557	0.014	0.015 0.012 6.627 0.030 0.010 0.019	10971 10971 10972 10973 10971 10972 BULLDOZOZ NOTAR OTELS BOUNDARY 10973	62.7 68.2 65.2 64.5 63.4 64.4 54.8 57.2
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	0439 0545 0548 0554 0557 0500	0.027	0.029	10972 10971 10972 10972 BULLDOZOZ NOME OTELS BOUNDARY 10973	65.2 64,5 63,4 64.4 54.8 57.2
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	0548 0554 0517 0600 0700	0.032	0.029	BULLDOZOL NOME OTERS BOUNDARY	64.4 54.8 57.2
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	Carl Manager Comp.	The state of the s	0.6/2		
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	01-0	0.025	0.021	10972	67.2
	0708	0.022	0.0 29	10973	61.2
N = 1	0816	0.000	0.017	10971	65.1
	0819	0.015	0.021	10972	73.2
	0825	0.016	0.028	10973	60,9
\	0943	0.000	0.014	10971	59.3
V	0948	0.004	0.019	10972	69.5
	0955	0.013	0.025	10973	74.2
1.0	1057	0.030	0.623	16973	60,2
	1162			10972	59.8
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		0825 0943 0948 0955 1057	0825 0.016 0943 0.000 0948 0.014 0955 0.013 1057 0.030 1162 0.002	0825 0.016 0.028 0943 0.000 0.014 0948 0.014 0.019 0955 0.013 0.025 1057 0.030 0.623 1102 0.002 0.016	0825 0.016 0.028 10973 0943 0.000 0.014 10971 0948 0.044 0.019 10972 0955 0.013 0.025 10973 1057 0.030 0.623 10973 1102 0.002 0.016 10972 1105





DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 24, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site
 activities. Radiological air monitors were deployed prior to performing any invasive or
 dust generating activities at both upwind and downwind locations. RCA postings were
 routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-047 through ERRG-A-IR07-049). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALIT	Y CONTRO	OL REPO	KI		/JUL/10			
		(ATTACH ADDITIONAL SHEETS IF NECESSARY) RA at IR-07 & -18 at Parcel B: S					REPORT NO	027			
PHASE	CONTRAC	TRACT NO N62473-09-D-2608 CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at F D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HP S PREPARATORY PHASE WORK PREFORMED TODAY? RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at F D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HP NO YES NO									
	WAS PRE	PARATO	RY PHASE WORK PREFORMED TODAY?	1	ים i, and			, , , , , , , , , , , , , , , , , , , ,			
ځ			AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	T.		_				
<u>6</u>	Sched	dule	Definable Feature of Work					Index#			
PREPARATORY	Activity	/ No.									
PAI											
RE								+			
Ф											
	WAS INITI	IAL PHAS	SE WORK PREFORMED TODAY?			YES NO					
	IF YES, FI	LL OUT	AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.			_				
_		Schedule Activity No. Definable Feature of Work									
INITIAL	Activity	IVILY NO.									
Z											
	WORK CC	OMPLIES	WITH CONTRACT AS APPROVED DURING INI	TIAL PHASE?			YES NO				
			WITH SAFETY REQUIREMENTS?				YES NO				
	Sched		Description of Work, Testing Performed & By Who	om, Definable Featur	e of Work, Specification	ation					
	Activity		Section, Location and List of Personnel Present								
	02	2	Continued removing deconstructed rad pa			d offsite by the former pic	kling tank in Parcel G, ve	rified that activities			
UP	00	,	performed conformed to the site clearing a								
×	03	3	Started and completed shoreline revetment F and E), verified that activities performed					ross sections			
.LO	04	1	Rad screening of large concrete debris fro					nad			
FOLLOW-UP		r	Trad screening of large concrete debits no	in shoreline, unioe	aded and spread	spoils from shoreline exc	availon on rad screening	pau.			
_											
		NTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUS	SINESS)		CORRECTED TODAY (FROM	M REWORK ITEMS LIST)				
Sched Activity		escription			Schedule Activity No.	Description					
REMARKS	`	olain Any	Follow-Up Phase Checklist Item From Above That	t Was Answered "NO	"), Manuf. Rep On-	Site, etc.					
Activity		escription									
0 1 1 10	64										
equipmen	and materia	al used an	rtify that this report is complete and correct and d work performed during this reporting period is in		Elizabeth B	innina		7/24/10			
	noted in this		awings and specifications to the best of my knowledge	_		MANAGER AT SITE		DATE			
			GOVERNMENT QUALITY ASSUR	ANCE REPOR	Т	DATE					
		CE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTIO	NS TO THE REPOR	Т						
Sched Activity		escription									
				-	GOVERNMENT OF	JALITY ASSURANCE MANAG	GER	DATE			
4296/2 (9/9	98)			,	OUVERNIVIENT QU		HEET 1 OF 1	DATE			

Site Clearing and Demolition

Date:	7/24/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
	1		1		

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/24/2010

Shoreline Excavation and Revetment

7/24/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L,
material? Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				FE1L, FE2L The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Have gurfages on which the gostavtile will be placed been prepared to a	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?					The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L

Requirement	Phase	Yes	No	N/A	Comments
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow			X	
materials are placed to prevent tearing of geotextile or enlarging holes?	up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment? Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting	Follow up Follow up				
Officer for comparison with computed quantities? If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/24/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section FE2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 24, 2010



Photo 2: Shoreline Excavation and Revetment – Completed installation of geotextile in section FE2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 24, 2010



Photo 3: Shoreline Excavation and Revetment – Installation of filter rock in section FE2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 24, 2010



HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 24, 2010





Photo 3: Clearing and Demolition—Removal of existing rad pad materials from RCA.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 24, 2010



Photo 3: Radiological Screening and Remediation – Grading of rad pad to achieve 1-foot thickness.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 24, 2010

	CO	NTRACTOR PRODUCTION RE (ATTACH ADDITIONAL SHEETS IF NECESSARY)	PORT		DATE 25/JUI	_/10
	09-D-2608	TITLE AND LOCATION RA at IR-07 & -18 at Parcel Parcels B, D-1, and G; and Soil Stockpiles at	Parcels D-1 and G,		REPORT NO C	28
CONTRACTOR	Engineering	Remediation Resources Group, Inc.	SUPERINTENDENT	J:	ames Nores	
AM WEATHER F	oggy, Cool	PM WEATHER Partly Clo	udy, Cool		MAX TEMP (F) 62	MIN TEMP (F) 53
		WORK PERFO	ORMED TODAY			
Schedule Activity No.		WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working or	n 30' section connecting to the 30' previous days	ERRG	1	Superintendent	8
	piece from yeste	erday. Excavate to specified grade lines and depth- place	ERRG	1	Construction Manager	8
	filter fabric with s	specified overlaps and key-ins, place a 6" layer of filter rock and	ERRG	1	Project Manager	0
	cap with 1/4 ton	rip rap to specified elevations and tolerances. Spread out	ERRG	1	QC Manager	8
		naterial on the rad pad to ~12" thick layer. Crew working with	ERRG	1	Tech Lead	0
		ing concrete debris into the LLRW bins Take 9 loads	ERRG	1	H&S Officer	8
		d pad material to the Tetra Tech stockpile area near the former	ERRG	2	QC Staff	16
	pickling tank loca	ation.	ERRG	7	Equipment Operators	34
			ERRG ERRG	5	Laborers Truck Drivers	13
			Tetra Tech	3	Rad Techs	24
		DWAC A TOP CAFETY MEETING HELD THIS DATE?	Tetta Teen	3	TOTAL WORK HOURS ON JOB	27
JO SAFE	В	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEET	153
		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	4026.5
		IG/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE t showing inspection performed.)	YES	■ NO	TOTAL WORK HOURS FROM	4450.5
		STE RELEASED INTO THE ENVIRONMENT? t and proposed action.)	YES	■ NO	START OF CONSTRUCTION	4179.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENTS	HAVE BEEN MET.
02,03,04	Tailgate safety b	oriefing, equipment inspections, crew members required to don P	DF's within 50' of the water	r		
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORATED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Material Received				
03	001 and 001a					
	AND PLANT EQU	UIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY I	NUMBER.		
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make	and Model)			Hours Used
	Harris Blade	4K water truck				8
	ERRG	JD 200CLC Excavator				8
	Harris Blade	Cat 950 Loader				8
	United Rentals	25 KW Generators- 2ea				48
	Rental Solutions					12 48
	SCS Tracer Harris Blade	Air Monitoring Skids- 2skids				8
	United Rentals	Cat 322 Long Reach Takehuchi skidsteer loader				8
Schedule		Takenuciii Skiusteel Toauei				0
Activity No.	REMARKS					
				-		
		Jar	mes Nores		7/25/10	
			CONTRACTOR/SUPERIN	TENDENT	DATE	

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE	EPORT		DATE 25/JUI	∟/10
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 028	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group, Inc.	SUPERINTENDENT	J	ames Nores	
AM WEATHER			PM WEATHER	dir. On all		MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		Partly Clo			62	53
0.1.1.1			WORK PERF	ORMED TODAY	1	1	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	1.					TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEET	·s
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WORK	
WAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE	=2		HOURS FROM PREVIOUS REPORT	
(If YES attach state	ement or checklis	t showing inspection performed.	l.)	YES YES	☐ NO	TOTAL WORK HOURS FROM	
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENTS	HAVE BEEN MET.
•							
EQUIDMENT AND	EDIAL DEGENIE		TER IN 100 (NIR)OATE COUE	OLU E A OTIVITIVA WAREEN			
Schedule	I	1	ATED IN JOB (INDICATE SCHEI	DULE ACTIVITY NUMBER)			
Activity No.	Submittal #	Description of Equipment/Mat	terial Received				
CONSTRUCTION	AND PLANT EQU	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY N	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used
	ERRG	JD310 Backhoe					0
	Harris Blade	Cat 735-2ea					16
	Harris Blade	2K Water Truck					8
	United Rentals	2K Water Truck					8
	Harris Blade United Rental	Cat LGP D-6 Bulldozer Broce broom Sweeper					8
	Harris Blade	Hyundai Long Reach Excava	ator				8
	United Rentals	Light Towers (3ea)					24
Schedule Activity No.	REMARKS						
	1		l _o	mae Narca		7/25/10	
			Ja	mes Nores CONTRACTOR/SUPERIN	TENDENT	DATE	_

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 7/25	10 TIME O 400	PROJECT NUMBER	29 - 141
CLIENT /	Department of the Navy	0	
SPECIFIC LOCATION	IR OT, PARCOL	THE RESERVE OF THE PARTY OF THE	
YPE OF WORK	A STATE OF THE STA		OS EXCAVATED MAT'L ON
	RAD SCRUONING PAD, H	HUL POSA GRAVER	TOURA TREAT.
Constitution		CS PRESENTED	
SAFETY TOPICS	NITE WORLK & STAF	/	
PROTECTIVE CLOTHIN	eel-toed work boots. Gloves and PFI		s, reflective safety vest, shirt with sleeves, as necessary.
HEMICAL HAZARDS	Potential for low level radiation		
PHYSICAL HAZARDS		and AMA -lors	
	NITE WORK, EGUIPE	THE PARTY	9
MERGENCY PROCEDU	RES Employee to report a	ny injury to Supervisor; Supe	ervisor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHONE	911/ 415-641-6625(ER)	PARAMEDIC PHONE 911
OSPITAL ADDRESS	3555 Cesar Chavez, San Francisco, (CA 941124	
PECIAL EQUIPMENT		None	
IOTE:			
-			
		ATTENDEES	
NAME PRINTED	E CON	1PANY -	SIGNATURE
VICENTE VA	ZENTE EKI	25	Oyent- Valenio
KMUER	70.6	MRU	Byno
Marle	74	PG KRRG	6 May
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fillanu reg	- P. Lan	X4	Affice !
Roberto Agui		26	tens tool the
DAGED HASA		129	Day Hook
SGO H WONTH	Anny	1/8/19	The Walls
William Shin	ER	10/7	a like Lie
Tanner Bennet	ERR	£6	Tom T. M.
LIZ BINAIN	X K	204	
	Dut in	200022	TWOL KINES
ealth & Safety Officer	Dick GT	SUPERINT	ENDERY STATES
CNATURE /	WW -	SYCNIATUR	- MINICELLE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
ARGDay:	SUNDAY	Date:	7/25/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots		
Weather:	CLOWR, OVERCATE	_Page:	of
Site Visitors:	See Tailgate Sign In Log.		
Description of Field A	ctivities.		
0400 SM	cory TAILGATE - NOTO WORK	, SPOUD,	LPO'S, VISIBILITY
CONTIN	VIET WITH SHORELINE PONETH	DIAT.	
Canno	TO HAVLING PEN GRAVER TO TOTAL	A TECH.	
0			
LOVEL	US SPOIL RAD SCROONING PAD, SOIL	FROM SH	PROLIS ROSTHONT
			LANGE CONTRACTOR
-			
-			
-			
-			
-			
-			
i≥p.100	F 1 1051 2		
	TIN USE: 3 WARRA TRUCKS, 2 LONG		
	TIN USE: 3 WATER TRUCKS, 2 LONG		

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

DICK EPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

7/21/10

Client:

Project No.:

Page:

US NAVY 29-141

Standard Used:

AIR BAG

Location	Date	Time	CONC IN	DataRAM	Commer	BA
F1	7/25/10	0437	0 .001	0,008	10971	59.1
#2	1	0444	0.000	6.000	10972	59.1
#3		0452	0.007	0,010	10973	62.
#1		0544	0,000	0.000	10971	63.
HZ		0554	0.001	0.003	10972	16.6
+3		0558	0,000	0.009	10973	61.0
#1		0644	0.001	0.000	10977	60.8
#2		0650	0.008	0.005	10972	71:
#3		0656	0.021	0.012	10973	60:
	1 1	0747	0.000	0.000	10971	63.
#2	-	0751	0.006	0.008	10972	66:
#7 #3 DATTORY DODAY		8801	_		10973	61.7
713		0816	0.009	0.011	10973	601
#1		0 924	0.000	0.000	10971	63.
#2	1 1	0928	0,003	0.007	11972	68.
#3	1	0934	0.009	0.007	10973	60.
#1		10 40	0.001	0.000	10971	158.
F2		1043	0,015	0,007	10972	163.
#3		1049	0.016	0.009	10973	763
#5		1200	0.000	0.011	10973	76:
#2		1202	0.029	0:009	10972	72.4
#1		1205	0.004	0.03	10971	67.2
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Inspected By (Initials) And Date:	7	HN H	13	7	-J2	leavy HO		P/4 3-10		-	M 1	3 P	14	15	BP	Language of
Tires and rims	Yes	No	N/A	Yes	No	N/A	Yes		N/A	Yes	No	N/A ⊠	Yes	No	N/A	Defect(s):
Tracks	V			4			K			X			×			
Steps and handgrips	W	D		1	B		×			X			X			
Guards on moving parts?	W			9			K			X			K			
Engine belts and hoses	D	D		3	П		X			X			X			
Fluid levels acceptable?	1	D		W	E		X			X			X			
Loading/lifting capacity marked?	0	D		0	D		×			X			K			
Seat belt operative?	W	D		V	B		X			X			X			-
Fire extinguisher present?	4	D		0	D		X			X			X			
Windows and mirrors unbroken?	B	D		9	D		×			X			X			
Gauges operative?	V	D		13	A		X			X			K			
Battery charged?	D	D		0	Ð		X			X			X			
Windshield wipers operative?	4			1	1		X			X			8			
Horn operative?	W	D		1	1		X			X			X			
Back up alarm operative?	D				1		X			×			K			
Lights and signals operative?	W		10	d	1		Z			X			K			
Steering and other controls	4	V		d	1		X			X			×			
Brakes	D			0			X			V			Z			



Inspected By (Initials) And Date:	7/2	1	wed	VV	23/	leavy	Equi	pme	nt De	fects						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tres and rims	A			X												
racks			B			X										
Steps and handgrips	X			B												
Guards on moving parts?	4			B												
Engine belts and hoses	K			1/2												
Fluid levels acceptable?	A			A												
oading/lifting capacity marked?			X			X										
Seat belt operative?	X			N												
Fire extinguisher present?	X			B												
Vindows and mirrors unbroken?			X			X										
Gauges operative?	A			图												
Battery charged?	A			K												
Windshield wipers operative?			×			X										
Horn operative?	X			K												
Back up alarm operative?	X			B												
lights and signals operative?	X			K												
Steering and other controls	TX.			X												
Brakes	D			1												



Inspected By (Initials) And Date:	7	UED.	0.0 4	7-	107	Leavy Loo	Egui	pmer 23	ot De	fects MS	AT 24-	00	MASS TE	MAR	000		
Tires and rims	Yes	No	N/A	Yes	No	N/A	Yes	No.	N/A	Yes	No	N/A	Yes	No	N/A	Defe	t(s):
Tracks			V			V			V			V					
Steps and handgrips	V			W									V				
Guards on moving parts?	N			d			d			Ø			7				
Engine belts and hoses	V						0			Z.			P				
Fluid levels acceptable?	Ø			W			7			Ø			V				
Loading/lifting capacity marked?	Z			d			A			W,							
Seat belt operative?	4			W			Ø			W			P				
Fire extinguisher present?	d			R			U			V			Ø				
Windows and mirrors unbroken?	0			P			X						田				
Gauges operative?	d			团			B			D.			B				
Battery charged?	Z			[A]			P			1			V				
Windshield wipers operative?	1			图			V			Q.			Q				
Horn operative?	Z			1			D			W			D				
Back up alarm operative?	1			X			W						(A)				
Lights and signals operative?	0			Ø			E			1			[A]				
Steering and other controls	Ø			D)			U			0			H				
Brakes	Z		П	V	П	П	由	П		TX	П	П	4	П	П		



Action in the lateral to				he	1	leavy	Equi	pmer	XDe	fects	der	41.					
Inspected By (Initials) And Date:	7-21	1-70	aple	2	23	HO	1	24	1/1/1	7	78	-10					
	Yes	No	N/A	Yes	46	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):	
ires and rims	X		X Ca				Y			H			D				
racks			×		口	4	0,		V		- []	W					
teps and handgrips	X			9			V	Z		V	D						
Suards on moving parts?	×			0			D,	1		V							
ingine belts and hoses				0			W,	Z		0							
fluid levels acceptable?	Y			9			0	1		V	1						
oading/lifting capacity marked?	×			9	0		V	D		W,							
Seat belt operative?	X			4			W	D		V	10						
Fire extinguisher present?	X			4	0		19	X		V/							
Vindows and mirrors unbroken?	X			9	D		D	D		V	/						
Sauges operative?	SK.			0			19	N		V							
Battery charged?	X			9			0	1		V	X						
Windshield wipers operative?	K			9			0	N		V	A				- 🗆		
Horn operative?	K			9			0	D		V	D						
Back up alarm operative?	×			4	1		0	D		W	1						
Lights and signals operative?	W			0			W	1		U	1						
Steering and other controls	Ø			13			1	1		V	1						
Brakes	Z			0	1		W			D							



1				Н	leavy	Equi	pme	nt De	fects						
9-2	2-10	EMM													
	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
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	Yes X X X X X X X X X X X X X X X X X X X	Yes No Yes No No No No No No No No No No		Yes No N/A Yes Image: Section of the content o	Yes No N/A Yes No No N/A Yes No No No No No	Yes No N/A Yes No N/A Image: Section of the content of the co	Yes No N/A Yes No N/A Yes Image: Section of the content of th	Yes No N/A Yes No N/A Yes No X Image: Control of the control	Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes Image: Contraction of the contraction	Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No N/A Yes No N/A Yes No Image: Control of the control of the</td><td>Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""></t<></td></t<></td></t<></td></t<></td></t<>	Yes No N/A Yes No N/A Yes No N/A Yes No Image: Control of the control of the	Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""></t<></td></t<></td></t<></td></t<>	Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""></t<></td></t<></td></t<>	Yes No N/A Yes No <t< td=""><td>Yes No N/A Yes No <t< td=""></t<></td></t<>	Yes No N/A Yes No <t< td=""></t<>



					Н	leavy				fects	Maria						
Inspected By (Initials) - And Date:	7-2	21 5	BP	7-2	ZVIE	P	7-23	3 type B	38	7-24	114	BP	7-25	The p	P		
	Yes	No	N/A	Yes	No	N/A	Yes		N/A	Yes	No	N/A	Yes	No	N/A	100	Defect(s):
ires and rims			X			X			X			X			X		
racks	X			X			X			X			X				
teps and handgrips	A			X			X			X			X				
uards on moving parts?	X			K			A			X			X				
ingine belts and hoses	X			A			X			X			'X				
luid levels acceptable?	V			X			X			X			X				
oading/lifting capacity marked?	X		Call	NO.			X			X			X	1			
eat belt operative?	X			X			X			X			×				
ire extinguisher present?	X			K			5			X			X				
Vindows and mirrors unbroken?	X			X			×			X			X				
Gauges operative?	V)			X			X			X			X				
Battery charged?	女			X			8			X			D				
Vindshield wipers operative?	A			X			X			X			W				
Horn operative?	X			X			M			X			X				
Back up alarm operative?	X			X			X			X			V				
lights and signals operative?	X			X			X			X			V				
Steering and other controls	X			K			X			X			V				
Brakes	A		X		П	X	1		V			X		П	M		



			4.		ŀ	leavy	Equi	pme	nt De	fects						Company of American
Inspected By (Initials) And Date:	RA	7-21	-10/4	RA -	1-22-11	, mle	ea ·	7-23-1	ME	RA	7/2	4/10	RA.	7-25	16	15 27 F 272
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
ires and rims			W			4			9			V			W	
racks	V			V			r			V			7			
teps and handgrips	W			V			-			U			V			
uards on moving parts?	V			V			F			L			V			
ngine belts and hoses	V			V			V			4			V			1-
luid levels acceptable?	V			V			L			U			V			
pading/lifting capacity marked?				V			V			V			V			
eat belt operative?	V			W			v			U			V			
ire extinguisher present?	V			V			V			日			V			
/indows and mirrors unbroken?	V			V			V			U			V			
auges operative?	V			P			V			4			V			
attery charged?	9			V			4			4			V			
Vindshield wipers operative?			V			V			V			V	V		V	
orn operative?	9			P			4			U			V			
ack up alarm operative?	V			V						4			V			
ights and signals operative?	V			V			V			P			V			
teering and other controls	V			V			9			4			V			
rakes	4			V			V			H			V			



7					Н		Equi										
Inspected By (Initials) And Date:	7-2	LI-i	OMN	+-28	-10	EM	7-2	3-1	MA	7-2	4-1	W/2	7-	25-	m	¥	
Tires and rims	1		N/A			N/A	Yes	/	N/A	31	No	/	Yes	-No	N/A	Defec	t(s):
racks			V			V			V			4	6		9		
Steps and handgrips	U			V			4			9			4				
Guards on moving parts?				P			10			4			9				
Engine belts and hoses	D			.0			0			9			9				
Fluid levels acceptable?	8			19			1			4			0				
oading/lifting capacity marked?	D			V			19			0			9				
Seat belt operative?	U			N			4			2			9				
Fire extinguisher present?				4			19			0			9				
Windows and mirrors unbroken?	V			W			9			0			19				
Gauges operative?				14			1			0							
Battery charged?	9			P			4			4							
Windshield wipers operative?	V			4			-			4			1				-
Horn operative?	U			4			1			4	-		3				-
Back up alarm operative?	V			4			19			1			3				
Lights and signals operative?	V			4			W			P			B				
Steering and other controls	V			19			10			4			3				
Brakes	V			4			1			4			I				



2					H	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	Ŧ-	21-	10 Me	FL	22-	IN		23-	10	5-2	3-	10	アレフーン	25-	10	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
īres and rims	K			×			M			X			M			
racks			R			N			X			X			X	
teps and handgrips	X			(X)			K			X			A			
Guards on moving parts?	Ŋ			'N			A			Y			S.			
Engine belts and hoses	5			1			Do			100			13			
Fluid levels acceptable?	1			Q			Do			Ø			1782			
oading/lifting capacity marked?	X			X			17			180			因			
Seat belt operative?	Q			1/2			D			No			¥			
Fire extinguisher present?	D			Ø			170			100			150			
Windows and mirrors unbroken?	V			DO	D	- 🔲	W			1X			1			
Gauges operative?	5			¥			4			D			四			
Battery charged?	100			139			1X			X			[20]			
Windshield wipers operative?	M			100			10			Ø			B			
Horn operative?	X			1X			10			13			10			
Back up alarm operative?	A			17			19			10			A			
Lights and signals operative?	100			TYO.			N			W			50			
Steering and other controls	Ø			4			V			V			N			
Brakes	Ø			54	П		4	П		1	П	П	X	П		



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DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST **Equipment Type: Identification Number:** Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment ERRG [Rental | **Heavy Equipment Defects** Inspected By (Initials) And Date: Defect(s): Yes No N/A Yes No N/A Yes Yes N/A N/A No No No Tires and rims X Tracks X Steps and handgrips X Guards on moving parts? X X V Y Engine belts and hoses K X Fluid levels acceptable? X X Loading/lifting capacity marked? X V K Seat belt operative? X X W Fire extinguisher present? V W X W Windows and mirrors unbroken? V V W Gauges operative? X X X Battery charged? X X W Windshield wipers operative? W Horn operative? V V X Back up alarm operative? X Lights and signals operative? X X Steering and other controls X N X Brakes Explain corrective actions taken:



					1	leavy	Equi	pme	nt De	fects					-	
Inspected By (Initials) And Date:	7121		38	7/22	2 5	30	7/2	3 6	38	7/29	1 8	P	7/2	5 1	3P	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes			Defect(s):
ires and rims			X			X			N			X		Ö	N/A	
racks	X			X			X			X			X			
teps and handgrips	X			X			X			X			X			
Guards on moving parts?	X			X			X			X			R			
ingine belts and hoses	X			X			X			X			X			
fuld levels acceptable?	X			X			X			X			X			
oading/lifting capacity marked?	X			X			X			X			X			
Seat belt operative?	A			X			X			X			X			
ire extinguisher present?	X			X			X			X			X			
Vindows and mirrors unbroken?	X			K			X			X			V			
Gauges operative?	X			X			X			X			A			
Battery charged?	X			X			X			X			X			
Windshield wipers operative?	X			X			A			X			A			
Horn operative?	X			X			X			X			N			
Back up alarm operative?	X			A			X			X			V			
Lights and signals operative?	X			X			X			X			1			
Steering and other controls	X			X			X			V			1			
Brakes			V	10		X	10		X	6		X			X	



Error Coulous Carabana					H	leavy	Equi	pme	nt De	fects				-		Y
Inspected By (Initials) And Date:	7/2	1	38	7/2	2	BP	7/2	3 (30	7/20	1		7/2	5		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims			X			X			X							
Tracks	X			X			X									
Steps and handgrips	X			N			X									
Guards on moving parts?	X			N			X									
Engine belts and hoses	X			X			X									
Fluid levels acceptable?	X			X			X									
oading/lifting capacity marked?	X			X			X									
Seat belt operative?	X			X			X									
Fire extinguisher present?	X			X			X									
Vindows and mirrors unbroken?	X			X			X									
Gauges operative?	A			X			V									
Battery charged?	X			X			X									
Windshield wipers operative?	X			X			X									
Horn operative?	X			X			X									
Back up alarm operative?	1			X			V									
Lights and signals operative?	X			X			X									
Steering and other controls	V			X			V									
Brakes			X	ťπ		X			X							



		Heavy	Equipment De	fects		
Inspected By (Initials) And Date:	7/21/10	1/22/10	7/23/10	7/24/10	7/25/10	
	Yes No N/A	Yes No N/A	Yes No N/A	Yes No N/A	Yes No N/A	Defect(s):
ires and rims		0 0 0				
racks	900	a , 0 0			0 0	
teps and handgrips	900	M 10 0	000	000	00	
uards on moving parts?	900	200			000	
ingine belts and hoses	000	000	900	000	000	
luid levels acceptable?	000	00	900	0/0	00	
oading/lifting capacity marked?	000	000	000	000		
eat belt operative?	000	900	00	000	900	
ire extinguisher present?	000	00	000	900	000	
Vindows and mirrors unbroken?	000	00	000	000	900	
Gauges operative?	800	200	900		000	
Battery charged?	0 0	000			00	
Vindshield wipers operative?	000	000		000	00	
Horn operative?	000	000	900	100	000	
Back up alarm operative?	000	1000	000	8/10	000	
ights and signals operative?	0,0	800	1 D D	000	0,0	
Steering and other controls	000	000	8/0	MDO	900	
Brakes		000	700	00	000	



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 25, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Senior RCT provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.

Issues/Items Pending Action

• None.

		C	ONTRACTOR QUALITY			RT	DATE 25/	/JUL/10
		110	(ATTACH ADDITIONAL SHEE		PΔ at IR-	07 & -18 at Parcel B; So	il Hotspot Locations	028 at Parcels B,
PHASE			2473-09-D-2608	CONTRACT TI	D-1, and	G; and Soil Stockpiles a	t Parcels D-1 and G,	HPS, SF
≿			PHASE WORK PREFORMED TODAY? ATTACH SUPPLEMENTAL PREPARATORY P	HASE CHECKLIS	Т.	YES NO		
PREPARATORY	Schedule	e Dof	finable Feature of Work					Index#
RA]	Activity No	o						1111111111
ΡA								
PRE								
			WORK PREFORMED TODAY?			YES NO		
_	Schedule		O ATTACH SUPPLEMENTAL INITIAL PHASE CH	IECKLIST.				1
INITIAL	Activity No		finable Feature of Work					Index #
Z								
	WORK COMP	PLIES WI	TH CONTRACT AS APPROVED DURING INITIA	L PHASE?		YI	ES NO	
	WORK COMP	PLIES WI	TH SAFETY REQUIREMENTS?			YI	ES NO	
	Schedule Activity No		scription of Work, Testing Performed & By Whom ction, Location and List of Personnel Present	, Definable Feature	e of Work, Specifica	ation		
	02	Co	ontinued removing deconstructed rad pad r	material from RC	CA and stockpile	d offsite by the former picklii	ng tank in Parcel G, ver	fied that activities
۵		ре	rformed conformed to the site clearing and	I demolition che	cklist.			
FOLLOW-UP	03		arted and completed shoreline revetment or					
PO			and E) and the toe of ED1L (lower portion or erformed conformed to the shoreline excava			ly 0 feet) between cross sec	ctions E and D), verified	that activities
-OF	04		ad screening of large concrete debris from			spoils from shoreline excav	ation on rad screening	nad
_	<u> </u>	1.0	ac concerning on lange content a country in the	<u> </u>	aca ana oproda		anon on taa oorooming p	
REWORK	ITEMS IDENT	IFIED TO	DDAY (NOT CORRECTED BY CLOSE OF BUSIN	ESS)	REWORK ITEMS	CORRECTED TODAY (FROM F	REWORK ITEMS LIST)	
Sched Activity	ule Descri		(,	Schedule Activity No.	Description	,	
Activity	140.				Activity IVO.			
REMARK: Sched		n Any Foll	low-Up Phase Checklist Item From Above That W	as Answered "NO	"), Manuf. Rep On-	Site, etc.		
Activity		ription						
			that this report is complete and correct and ork performed during this reporting period is in		Eli alada Di			7/05/40
compliano		ract drawin	ngs and specifications to the best of my knowledge	_	Elizabeth Bi	INNING MANAGER AT SITE		7/25/10 DATE
	1		GOVERNMENT QUALITY ASSURA	NCE REPOR	Т	DATE		
	_	REPRES	ENTATIVE'S REMARKS AND/OR EXCEPTIONS	TO THE REPOR	Т			
Sched Activity		ription						
	,							
4296/2 (9/9	98)			(GOVERNMENT QU	JALITY ASSURANCE MANAGE SHE	R ET 1 OF 1	DATE

Site Clearing and Demolition

Date: 7/25/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
	1		1		

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/25/2010

Shoreline Excavation and Revetment

7/25/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?					The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L

Requirement	Phase	Yes	No	N/A	Comments
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow			X	
materials are placed to prevent tearing of geotextile or enlarging holes?	up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment? Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/25/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section FE3L and toe of section ED1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section FE3L. HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California



Date: July 25, 2010

Date: July 25, 2010

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 3: Shoreline Excavation and Revetment – Installation of filter rock in section FE3L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 25, 2010



Photo 3: Shoreline Excavation and Revetment – Placement of riprap in section FE3L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 25, 2010





Photo 3: Shoreline Excavation and Revetment – Placement of riprap in section FE3L and toe of section ED1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 25, 2010

	CC	NTRACTOR PI	DATE 26/JUL/10						
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO 029)	
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	.l:	ames Nores			
AM WEATHER _	0 0	, remediation recodules	PM WEATHER			MAX TEMP (F)	MII	N TEMP (F)	
F	oggy, Cool		Partly Clo	3.		62		53	
Schedule				ORMED TODAY			1		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
02,03,04		vorking on revetment connecting		ERRG ERRG	1	Superintendent		10	
		at the toe and ~60' at the top. Ex	Construction Manager		0				
		ce fabric and filter rock to specifi	Project Manager		0				
		excavation and begin placing up loading out cleared concrete de		ERRG ERRG	1	QC Manager Tech Lead		9	
		ew working on hauling demolish		ERRG	1	H&S Officer		8	
		esignated by TT at the former pi	•	ERRG	2	QC Staff		16	
	looping importin	g 1/4 ton rip rap today.	-	ERRG	6	Equipment Operators		41	
				ERRG	8	Laborers		27	
				ERRG	5	Truck Drivers		29	
				Tetra Tech	3	Rad Techs		24	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		173	
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS	RK	4179.5	
(If YES attach state	ement or checklis	NG/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? st showing inspection performed.) REPORT TOTAL WORK HOURS FROM							
(If YES attach des	START OF CONSTRUCTION 4352.5 START OF CONSTRUCTION								
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.								
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water								
EQUIDMENT AAT	EDIAL DEGEN/E	D TODAY TO DE INCORDORA	TED IN IOD (NIDIOATE OCUED						
Schedule	ATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)								
Activity No.	Submittal # Description of Equipment/Material Received								
03	001 and 001a 238.58 tons of 1/4 ton rip rap								
	 								
	+								
CONSTRUCTION	AND PLANT EQ		Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.				
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used	
	Harris Blade	4K water truck						8	
	ERRG	JD 200CLC Excavator						8	
	Harris Blade	Cat 950 Loader						8	
	United Rentals								
	Rental Solutions	25KW Generator-1ea							
	SCS Tracer	Air Monitoring Skids- 2skids						48 8	
	Harris Blade	+							
	United Rentals Takehuchi skidsteer loader								
Schedule Activity No.	REMARKS								
			lar	mes Nores		7/26/10)		
				CONTRACTOR/SUPERIN	TENDENT	DATE			

4296/2 (9/98) SHEET 1 OF 1

	CO	NTRACTOR PI	DATE 26/JUL/10						
CONTRACT NO N62473-	09-D-2608	TITLE AND LOCATION RAP	REPORT NO 029	cont.					
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores			
AM WEATHER _		Tromodiation (coodings)	PM WEATHER Partly Clo			MAX TEMP (F)	MIN TEMP (F)		
F	oggy, Cool			62	53				
	1		WORK PERFO	ORMED TODAY	1	i	_		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS		
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JOB			
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	□ NO	SITE, THIS DATE, INCL CON'T SHEET	s		
SAFE		WERE THERE ANY LOST TIME		YES	□ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS			
WAS CRANE/MAN	NLIFT/TRENCHIN	IG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE			REPORT			
,		t showing inspection performed.	,	YES YES	☐ NO	TOTAL WORK HOURS FROM			
	DUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? YES NO START OF CONSTRUCTION START OF CONSTRUCTION								
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.								
EOLIIDMENT/MAT	EDIAL DECEIVE	D TODAY TO BE INCORDORA	ATED IN JOB (INDICATE SCHE	OLU E ACTIVITY NU IMPERI					
Schedule	I	1	•	DOLE ACTIVITY NOWBER)					
Activity No.	Submittal #	Description of Equipment/Mat	lenai Received						
	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY N	NUMBER.		1		
Schedule Activity No.	Owner	Description of Construction E	equipment Used Today (incl Make	e and Model)			Hours Used		
	ERRG	JD310 Backhoe					0		
	Harris Blade	Cat 735-2ea					16		
	Harris Blade	2K Water Truck					8		
	United Rentals		2K Water Truck						
	Harris Blade United Rental								
	Harris Blade Hyundai Long Reach Excavator								
	United Rentals Light Towers (3ea)								
Schedule Activity No.	REMARKS						<u> </u>		
·									
			la	mes Nores		7/26/10			
			Jai	CONTRACTOR/SUPERIN	TENDENT	DATE			

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 7/26	110 TIME 0400	PROJECT NUMBER	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	IR-07, PARCEL B		
TYPE OF WORK	SHURAINE ROMODIAT	ias Truck D	DO WORLD WARPRIP
	SAFETY TOPICS P	DECENTED	
SAFETY TOPICS	WIGHT WORK, STAF, EG		FOR ROLLING ROCKS
PROTECTIVE CLOTHIN	, , , , , , , , , , , , , , , , , , , ,		s, reflective safety vest, shirt with sleeves,
	steel-toed work boots. Gloves and PFD (pe		
-			
CHEMICAL HAZARDS	Potential for low level radiation		
PHYSICAL HAZARDS	EQUIPMENT, POOR FOOTING	k Lunn Da	ev .
2010-1010-1010-0010-0	Lyon rowy, the realist	9, Wille, D.	
EMERGENCY PROCEDU	IRES Employee to report any inj	ury to Supervisor; Supe	ervisor notify SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHONE 9	011/415-641-6625(ER)	PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco, CA 94	1124	
SPECIAL EQUIPMENT		None	
NOTE:			
HOIL:			
-	TTA	ENDEES	
Heather Wollene	COMPAN	Y ERRE	SIGNATURE
Ken Mark	1	erre.	K Havla
	EKRG		Willing Deline
Roberto Agu	ilem Erra		m. Marco
PAFAEL L	OZA EDP	6	Tafal Fan
FERNANDO L	OZA ERRO	2	A A
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Scott Wathry	to they is	ERRE	left Weath
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Sharen Galler	NAS OF AZIST	_	The day
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TAILGATE SAFETY MEETING

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		ATTENDEES	
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DAILY FIELD ACTIVITY LOG

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AIR MONITORING LOG SHEET

US WAVY 29-141

Prepared by:

Project Name:

DICIC EPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

Client:

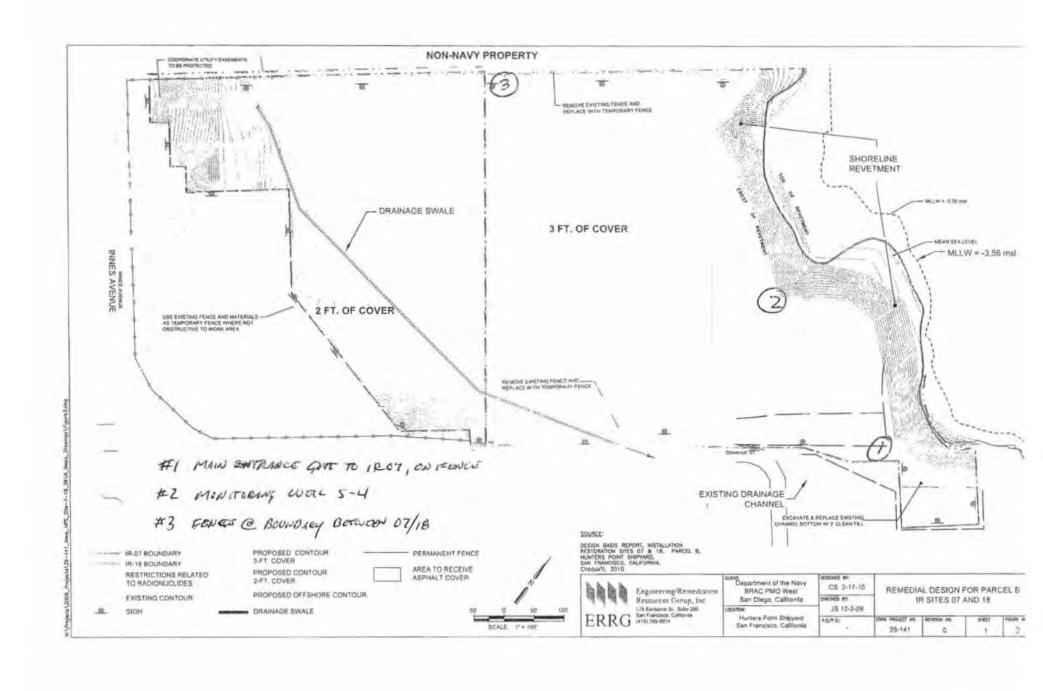
Project No.:

Page:

Standard Used:

ME BAG

Location	Date	Time	CONC In	strument 7 2014 DataRAM	Comm	d BA
#3	7/26/10	0442	0.019	0.024	10973	61.8
#2	1	0450	0.010	0.010	10972	71.5
* /		0452	0.000	0.001	10971	63.4
#3		0532	0.003	0.029	10973	60.9
#2		0536	0.013	0.015	10972	70.1
#1		0540	0.003	0.000	10971	164.0
#1		0624	0,002	0.001	10971	74.2
#2	1	0634	0.019	0.015	10972	70.9
#3		0638	0.024	0.024	10973	60,
#1	- 1	0723	0.000	0.005	10971	66.8
#2		0729	0.013	0.015	10972	73,
#3		0733	0.021	0.024	10973	61.
# l		0837	0.011	0.004	10971	63.
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#3		0948	0,020	0.013	10973	59
#1		1046	0.004	6.013	10971	62.
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#3		1055	0.010	0.019	10973	63.
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DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 26, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-050). A total of 36 pieces were surveyed. In addition, 36 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-042 through ERRG-A-IR07-045. No activity above the release criteria was identified in surveys ERRG-A-IR07-042, ERRG-A-IR07-044, and ERRG-A-IR07-045. For survey ERRG-A-IR07-043, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u> <u>LLRW Bin #</u> ERRG-A-IR07-043-007 to be designated _Daily Status Report Page 2 of 2

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALITY			RT		DATE REPORT		JUL/10
			(ATTACH ADDITIONAL SHEET		RΔ at IR-	07 & -18 at Parce	el B; Soil H	otspot Locat		029 at Parcels B,
PHASE			N62473-09-D-2608	CONTRACT TI		G; and Soil Stocl	cpiles at Pa			
≿			RY PHASE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL PREPARATORY PH	ASE CHECKLIS	т	YES	NO 🔳			
PREPARATORY	Sched	ule	Definable Feature of Work	IAGE GITEOREIG						Index #
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PAI										
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			SE WORK PREFORMED TODAY?			YES 🗌	NO 🔳			
	IF YES, FIL Sched	ule	AND ATTACH SUPPLEMENTAL INITIAL PHASE CHI	ECKLIST.						
INITIAL	Activity		Definable Feature of Work							Index #
Ī										
	WORK CO	MPLIES	WITH CONTRACT AS APPROVED DURING INITIAL	PHASE?			YES	■ NO		ı
	WORK CO	MPLIES	WITH SAFETY REQUIREMENTS?				YES	■ NO		
	Sched Activity		Description of Work, Testing Performed & By Whom, Section, Location and List of Personnel Present	Definable Feature	e of Work, Specifica	ation				
	02		Continued removing deconstructed rad pad m	naterial from RC	CA and stockpile	d offsite by the form	er pickling ta	ank in Parcel C), verif	fied that activities
Ъ			performed conformed to the site clearing and							
FOLLOW-UP	03		Started and completed shoreline revetment on and D), imported riprap and incorporated into							
P			revetment checklist.	the shoreline n	everment, verme	u mai activities per	iornied corne	offiled to the Si	IOTEIII	ie excavation and
F0.	04		Rad screening of large concrete debris from s	shoreline, remo	ved rad cleared	concrete debris from	n RCA and s	stockpiled near	Build	ing 231,
			unloaded and spread spoils from shoreline exc	cavation on rad	screening pad.					
REWORK	ITEMS IDE	NTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSINE	ESS)	REWORK ITEMS	CORRECTED TODAY	(FROM REW	ORK ITEMS LIS	T)	
Sched Activity		scription			Schedule Activity No.	Description				
					•					
DEMA DIV	2 (4) 5 1			4 1810	II) M. (D. 0	0				
Sched Activity	ule Des	scription	Follow-Up Phase Checklist Item From Above That Wa	as Answered "NO	"), Manut. Rep On-	Site, etc.				
Activity	NO.									
On hahali	af the control	oton I oo	wife, that this assess is assessed as and assessed and							
equipmen	t and materia	l used and	tify that this report is complete and correct and dwork performed during this reporting period is in twings and specifications to the best of my knowledge	_	Elizabeth B				7	7/26/10
except as	noted in this	report.				MANAGER AT SITE				DATE
OLIALITY	ASSURANC	E REPR	GOVERNMENT QUALITY ASSURANT ESENTATIVE'S REMARKS AND/OR EXCEPTIONS			DA	E			
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4296/2 (9/9	98)						SHEET 1	OF 1		

Site Clearing and Demolition

Date: 7/26/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	x			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/26/2010

Shoreline Excavation and Revetment

7/26/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?					The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L

Requirement	Phase	Yes	No	N/A	Comments
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow			X	
materials are placed to prevent tearing of geotextile or enlarging holes?	up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010, 7/26/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/2010, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010, 7/26/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, DE1L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment? Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/2010, 7/15/2010, 7/16/2010, 7/21/2010, 7/23/2010, 7/26/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/26/2010



Photo 1: Shoreline Excavation and Revetment – Installation of geotextile in section ED1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 26, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section ED1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 26, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of filter rock in section ED1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 26, 2010

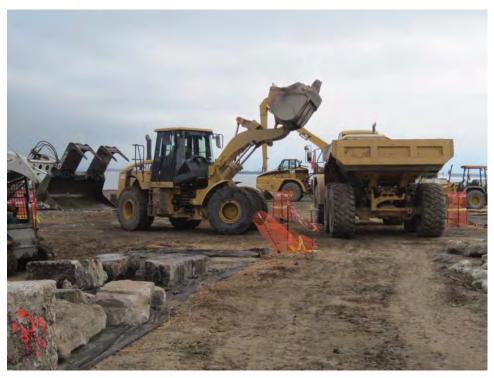


Photo 3: Radiological Screening and Remediation – Removing rad cleared concrete debris from the RCA.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: July 26, 2010



	CC		RODUCTION RE	PORT		DATE 27/J	UL/10	
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	030	
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER		7. Comediation 1 Coodings	PM WEATHER			MAX TEMP (F)	MIN	TEMP (F)
F	oggy, Cool		Mostly Su			68		53
Schedule			WORK PERFO	ORMED TODAY	1	1		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Continue with sh	noreline revetment construction,	connect to yesterdays section	ERRG	1	Superintendent		10
		on. Excavate to specified depths	-	ERRG	1	Construction Manager		8
		er rock and place rip rap to speci	-	ERRG	1	Project Manager		0
		loading out cleared concrete fro ris to be screened. Crew working	<u> </u>	ERRG ERRG	1	QC Manager Tech Lead		8
		al to the Tetra Tech stockpile are		ERRG	1	H&S Officer		8
	location.	a to the rotte room etection and	a at the former protung tank	ERRG	2	QC Staff		16
				ERRG	8	Equipment Operators		44
				ERRG	7	Laborers		22
				ERRG	5	Truck Drivers		31
				Tetra Tech	3	Rad Techs		24
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		179
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT		4352.5
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	■ NO	TOTAL WORK HOURS FROM	1	
(If YES attach des		ASTE RELEASED INTO THE EN t and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		4521.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	ITS HAVE	E BEEN MET.
02,03,04	Tailgate safety b	priefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	f			
EQUIDMENT AAT	EDIAL DEGEN/E	D TODAY TO DE INCORDORA	TED IN IOD (NIDIOATE OCUED					
Schedule	l	T	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
03	001 and 001a	190.92 tons of 1/4 ton rip rap)					
		162.01 tons of filter rock						
CONSTRUCTION	AND PLANT EQ	<u> </u>	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used
7 tourney 110.	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
			la	mes Nores		7/27/10)	
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CO	NTRACTOR PI		DATE 27/JU	JL/10			
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 030	cont.	
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		Tremediation resource	PM WEATHER	N 411 1		MAX TEMP (F)	MIN TEMP (F)	
F	oggy, Cool		Mostly Su			68	53	
	1		WORK PERFO	ORMED TODAY	1	i		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	
	1.					TOTAL WORK HOURS ON JOE	3	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE		
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WOR		
WAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE	=2 _		HOURS FROM PREVIOUS REPORT		
(If YES attach state	ement or checklis	t showing inspection performed	l.)	YES YES	☐ NO	TOTAL WORK HOURS FROM		
		STE RELEASED INTO THE Elt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENT	IS HAVE BEEN MET	T.
•								
FOLUDIAENT/MAAT	EDIAL DECENT		ATED IN TOR (INDICATE COLIF					
Schedule	Submittal #	Description of Equipment/Mai	ATED IN JOB (INDICATE SCHEI terial Received	DOLE ACTIVITY NUMBER)				
Activity No.	oubmitter //	Description of Equipment in a						
CONOTRUCTION	AND DI ANT FOI	IIDMENT ON JOB OITE TODA	Y. INDICATE HOURS USED A	ND COUEDINE A CENTER A	UIMBED			
Schedule	AND PLANT EQU	1			NUMBER.		I	
Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Use	∍d
	ERRG	JD310 Backhoe					2	
	Harris Blade	Cat 735-2ea 2K Water Truck					16 8	
	Harris Blade United Rentals	2K Water Truck 2K Water Truck					8	
	Harris Blade	Cat LGP D-6 Bulldozer					8	
	United Rental	Broce broom Sweeper					4	
	Harris Blade	Hyundai Long Reach Excava	ator				8	
	United Rentals	Light Towers (3ea)					24	
Schedule Activity No.	REMARKS							
			Ja	mes Nores		7/27/10		
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	con	NTRACT #	N64273-09-	D-2608
DATE 7/27	1/10 TIME	0500 PF	ROJECT NUMBER	29 - 141	
CLIENT	Department of the Nav	Ŋ			
SPECIFIC LOCATION	1R-07 PM	cor 15			
TYPE OF WORK	Continue	Revotus	on stre	ction area	rad
	Screening o	ad impo	CT 1/4 Lon	rin rap.	
	coming p	ac juipe	1 17 701. 1	40114	
SAFETY TOPICS		FETY TOPICS PRE	1.00		
	NIGHT WORK			THE SECRETARY SHAPE AND	Water and the second
PROTECTIVE CLOTHIN	teel-toed work boots. Glo			reflective safety vest, shirt necessary.	with sleeves,
long pentay	taci toda from booter olo	yes and the (perso	no, nototro, och coj di	, made and many many many many many many many many	
CHEMICAL HAZARDS	Potential for low level	radiation			
PHYSICAL HAZARDS	Equipment, un	OVEN SURFAC	es, untok		
EMERGENCY PROCEDU	RES Employee		to Supervisor; Superv		
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911	/ 415-641-6625(ER) P	ARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San	Francisco, CA 9411	24		
SPECIAL EQUIPMENT			None		
NOTE .					
NOTE:					
		ATTEN	DEES		
NAME PRINTED		COMPANY,-	- 1	SIGNATURE	,
Vicente VA	LewCit	ERRE	4	Level Alla	ener
1 JAUED H	9.5.41	ERRG		Daw Hasal	
William Sch	midl	ERRG	_ 3	gilly Se	G
Roberto Ag	leser	tenna		Junto Jun	lina
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FERNANDU L	ASO	ERRG		fr &	
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lealth & Safety Officer	1000		SUPERINTEN	VIIII	1018/
SIGNATURE	WILWAR		SIGNATURE	enno	un
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TAILGATE SAFETY MEETING

NAME PRINTED	ATTENDEES	
NAME PRINTED		
NAME PRINTED Som sh: Heather Wollenburg Lia Marli SCAN ORGED HIGH STANDARD JUAN LOVA SR RSIZ Shalley Ng	COMPANY (PRE EPRC FINS ERRE GO VIC FINOSA ESPINOSA ROLL ROLL COMPANY ERRE	SIGNATURE SIGNATURE
Health & Safety Officer	SUPERINT	ENDENT
Health & Safety Officer SIGNATURE	SIGNATUR	

DAILY FIELD ACTIVITY LOG

RGDay: Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots Project Name: OVALCAST Site Visitors: See Tailgate Sign In Log. Description of Field Activities: OSCO SAFETY TAILGATE - DARK, NIGHT OB, BACKUP SPECEURIPMENT CONTINUING SHORELING REVETMENT, LIGHT OF TOTRA TOCH HAVING PEAR GRAVEL TO TOTRA TOCH RECEIVING END DUMP TRUCKS OF PRAP RECEIVING FILTER ROCK OF TANDERS DUMPS. ARSISTRIS TOTRA TICK WITH RUBBLE SCANNING	ent:	Dept of the Nav	/V
Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots Weather: OVENCAST See Tailgate Sign In Log. Description of Field Activities: OSOO SAFETY TAILGATE ~ DARK, NIGHT OBS, BACKUP SPA EQUIPMENT. CONTINUING SHORELING REVET MOST, LIGHT OF HAVING PEA GRAVEL TO TOTRA TOCH RECEIVING FILTER ROCK OF TANDAM DUMPS ARBITRIS TOTRA TOCK WITH RUBBLE SCANNING	10.	7/27/10	,
Neather: OVERCAST See Tailgate Sign In Log. Description of Field Activities: OSOO SAFETY TAILGATE - DARK, NIGHT OB, BACKUP SPECEDUPMENT. CONTINUING SHORELING ROVETMENT, LIGHT OF HAVING POR GRAVEL TO TETRA TOCK RECEIVING END DUMP TRUCKS OF PERPAP RECEIVING FILTER ROCK OF TANDOMS DUMPS. ASSISTING TOTAL TICK WITH RUBBLE SCANNING	ject No.:	29-141	
Site Visitors: See Tailgate Sign In Log. Description of Field Activities: OSOO SAFETY TAILGATE - DARK, WIGHT ORS, BACKUP SPE EQUIPMENT. CONTINUING SHORELING ROUGHMENT, LIGHT OF HAVING PEAR GRAVEL TO TOTRA TOCH RECEIVING END DUMP TRULLS OF PERAP RECEIVING FILTER ROCK OF TONOMAN DUMPS. ARRITING TOTAL TOCK WITH RUBBLE SCANNING	ge:	1	of
OSOO SAFETY TAILGATE - DARK, NIGHT OB, BACKUP SPEEDUPMENT. CONTINUING SHORELING REVETMENT, LIGHT OF HAVING POR GRAVER TO TOTAL TOCK RECEIVING END DUMP TRULLS MY PIPPAP RECEIVING FILTER ROCK MY TANDOM DUMP. ARSITTING TOTAL TOCK WITH RUBBLE SCANWING			
CONTINUING SHORELING ROUSTMONT, LIGHT OF HAVING PAR GRAVER TO TOTAL TOCH RECEIVING END DUMP TRULLS OF PERAP RECEIVING FILTER ROCK of TANDOMA DUMP. ASSISTING TOTAL TICK WITH RUBBLE SCANNING			
CONTINUING SHORELING ROUSTMENT, LIGHT OF HAVING PAR GRAVER TO TETRA TOCK RECEIVING END DUMP TRULLS OF PERAP RECEIVING FILTER ROCK of TANDOMA DUMPS. ASSISTING TOTAL TICK WITH RUBBLE SCANNING	TRES, L	WITER TRAF	FIC,
HAVING PER GRAVER TO TOTAL TOCK RECEIVING END DUMP TRUCKS OF PEPRAP RECEIVING FILTER ROCK OF TANDOM DUMPS. ARSITTING TOTAL TICK WITH RUBBLE SCANNING			
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ARSISTING TOTAL TICK WITH RUBBLE SCANNING			
LEVERING + PICKING ROCK FROM SPOIL PAD PI	ns.		
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gned: Mama Da	te:	7/27/1	9

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

7/21/10

Client:

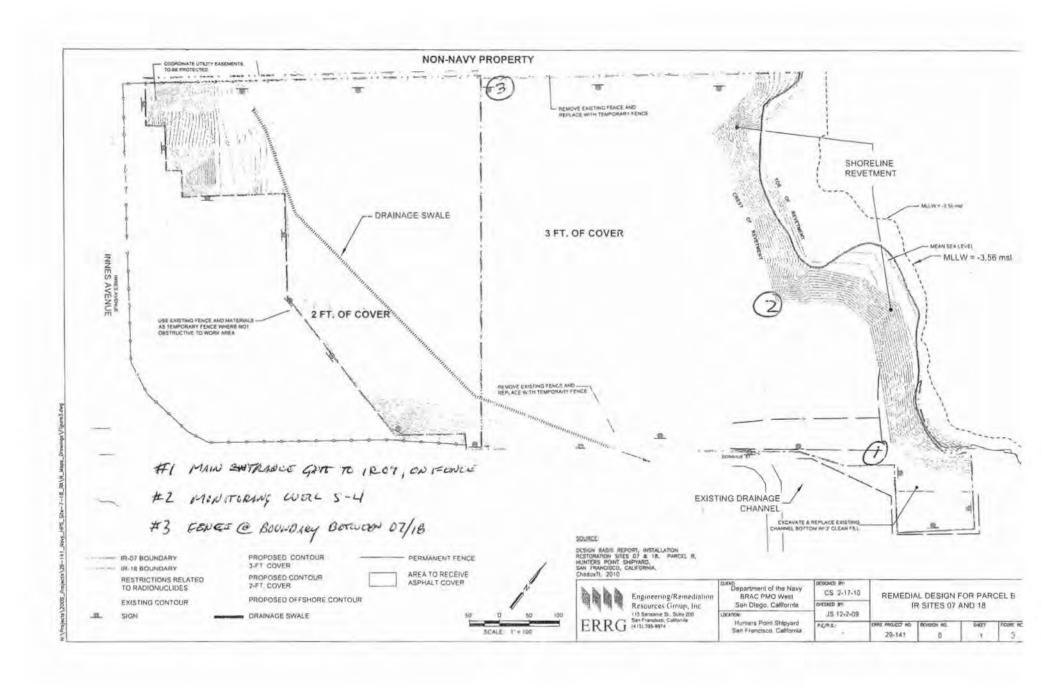
Project No.:

US NOV9 29-141

Page:

Standard Used:

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DAILY STATUS REPORT IR-07 Remedial Action

D + D. + I-1 27 2010	EDDC CTO 0004	D C1 ' M
Report Date: July 27, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-051 through ERRG-A-IR07-054). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.

Issues/Items Pending Action

None.

		CONTRACTOR QUALIT			RT	REPORT	/JUL/10 030		
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT T	RA at IR-	-07 & -18 at Parcel B; Soil H		at Parcels B,		
THACE		TORY PHASE WORK PREFORMED TODAY?	CONTRACT	D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G	HPS, SF		
≾		IT AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIS	īT.	TES NO _				
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index#		
\RA	Addivity 140.								
EP/									
PR									
	WAS INITIAL D	HASE WORK PREFORMED TODAY?			YES NO				
		IT AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.		TES NO _				
ب	Schedule Activity No.								
INITIAL									
Z									
	WORK COMPL	ES WITH CONTRACT AS APPROVED DURING INI	TIAL DHASE?		YES	■ NO □			
		ES WITH SAFETY REQUIREMENTS?	TIALT TIACL:		YES	NO NO			
	Schedule Activity No.	Description of Work, Testing Performed & By Wh Section, Location and List of Personnel Present	om, Definable Featur	e of Work, Specific	cation				
	02	Continued removing deconstructed rad pa	d material from R0	CA and stockpile	ed offsite by the former pickling t	ank in Parcel G, ver	ified that activities		
<u>₽</u>		performed conformed to the site clearing a	and demolition che	cklist.					
FOLLOW-UP	03	Started and completed shoreline revetmen		•					
-FO		and D), imported riprap and incorporated inc			ted and stockpiled litter rock, ve	enned that activities	periornea		
F0.	04								
		unloaded and spread spoils from shoreline	excavation on rad	screening pad,	marked out grid for towed array	rad scan.			
		+							
		ED TODAY (NOT CORRECTED BY CLOSE OF BU	SINESS)		CORRECTED TODAY (FROM REW	ORK ITEMS LIST)			
Sched Activity		ion		Schedule Activity No.	Description				
REMARK	S (Also Explain A	ny Follow-Up Phase Checklist Item From Above Tha	t Was Answered "NC	"), Manuf. Rep On	-Site, etc.				
Sched Activity		ion							
equipmen compliance	t and material used	certify that this report is complete and correct and and work performed during this reporting period is in drawings and specifications to the best of my knowledge	_	Elizabeth B	INNING MANAGER AT SITE		7/27/10 DATE		
encopt as		GOVERNMENT QUALITY ASSUR			DATE		DATE		
	_	PRESENTATIVE'S REMARKS AND/OR EXCEPTION							
Sched Activity		ion							
			_	00/55:::5					
4296/2 (9/	98)			GOVERNMENT QI	UALITY ASSURANCE MANAGER SHEET	1 OF 1	DATE		

Site Clearing and Demolition

Date: 7/27/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/27/2010

Shoreline Excavation and Revetment

7/27/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?					The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L

Requirement	Phase	Yes	No	N/A	Comments
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow			X	
materials are placed to prevent tearing of geotextile or enlarging holes?	up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment? Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/27/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section ED2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 27, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section ED2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 27, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of filter rock in section ED2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 27, 2010



Photo 3: Shoreline Excavation and Revetment – Checking thickness of riprap in completed revetment sections.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 27, 2010

	CC		RODUCTION RE	PORT		DATE 28/J	UL/10	
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO	031	
CONTRACTOR	Engineering	/Remediation Resource:	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		//terriculation resource	PM WEATHER			MAX TEMP (F)	MIN	TEMP (F)
F	oggy, Cool		Mostly Su			68		53
	1		WORK PERFO	DRMED TODAY	1	i		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Continue with sh	noreline revetment construction,	connect to yesterdays section	ERRG	1	Superintendent		10
	with a ~40' secti	on. Excavate to specified depths	s and grade lines, install filter	ERRG	1	Construction Manager		0
	fabric, install filte	er rock and place rip rap to spec	ified elevations. Crew working	ERRG	1	Project Manager		8
		loading out cleared concrete fro		ERRG	1	QC Manager		8
		ris to be screened. Crew working		ERRG	1	Tech Lead		8
		th Tetra Techs Towed Array trace the load of cleared concrete to the		ERRG ERRG	2	H&S Officer QC Staff		8 16
	at B231.	le load of cleared concrete to the	е арргочей ѕюскріїе юсайоп	ERRG	9	Equipment Operators		49
	ut B201.			ERRG	7	Laborers		20
				ERRG	5	Truck Drivers		30
				Tetra Tech	3	Rad Techs		24
JO	B	WAS A JOB SAFETY MEETING		YES	□ NO	TOTAL WORK HOURS ON JO SITE,		181
SAFE	TY	WERE THERE ANY LOST TIM (If YES attach copy of complete	E ACCIDENTS THIS DATE?	YES	■ NO	THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		4521.5
	NLIFT/TRENCHIN		WORK/ HAZMAT WORK DONE	YES	■ NO	REPORT		4521.5
WAS HAZARDOU	S MATERIAL/WA	ASTE RELEASED INTO THE ENt and proposed action.)	•	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	1	4702.5
Schedule	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED	D		SAFETY REQUIREMEN	NTS HAVE	BEEN MET.
Activity No. 02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
02,00,04	rangate salety t	moning, equipment mopeoutions,	orew members required to don't	DI 5 WIGHIII 60 OF THE WATER				
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHEE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
03	001 and 001a	870.83 tons of 1/4 ton rip rap)					
03	12	355.48 tons of filter rock						
CONOTRUCTION	AND DI ANT FO	LUDIATAL AND ADDRESS TO DA	V INDIOATE HOURS HOED AN	ID COLLEGE HE A CTIVITY				
	AND PLANTEQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.		1	
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48 12
	Rental Solutions SCS Tracer	25KW Generator-1ea Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS	ı						
				mes Nores CONTRACTOR/SUPERIN	TENDENT	7/28/10 DATE)	

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 28/J	UL/10	0
	09-D-2608	TITLE AND LOCATION RA	at IR-07 & -18 at Parcel G; and Soil Stockpiles at	Parcels D-1 and G,	ations at HPS, SF	REPORT NO 03	1 c	cont.
CONTRACTOR	Engineering	Remediation Resources	Group. Inc.	SUPERINTENDENT	J:	ames Nores		
AM WEATHER			PM WEATHER Mostly Su	nov Mild		MAX TEMP (F)	MI	N TEMP (F)
Г	oggy, Cool			ORMED TODAY		68		53
Schedule								
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
					-			
					-			
					+			
JO		WAS A JOB SAFETY MEETING		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	□ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		
		G/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? NES	□ NO	REPORT		
WAS HAZARDOU	S MATERIAL/WA	STE RELEASED INTO THE EN	•	YES	□ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
Activity No.								
EQUIPMENT/MAT Schedule	ERIAL RECEIVE I	D TODAY TO BE INCORPORA I	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
	AND PLANT EQU	JIPMENT ON JOB SITE TODAY	7. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY N	IUMBER.			Ī
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used
	ERRG	JD310 Backhoe						4
	Harris Blade	Cat 735-2ea						16
	Harris Blade United Rentals	2K Water Truck 2K Water Truck						8 8
	Harris Blade	Cat LGP D-6 Bulldozer						8
	United Rental	Broce broom Sweeper						4
	Harris Blade	Hyundai Long Reach Excava	or					8
	United Rentals	Light Towers (3ea)						24
Schedule Activity No.	REMARKS							
			Jar	nes Nores		7/28/10)	
				CONTRACTOR/SUPERINT	ENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608	
DATE 7/29	Department of the Navy Department of the Navy CLOCATION IR OT PHEGE B WORK CONTINUE RESERVED; IMPORT PROJECT NUMBER SAFETY TOPICS PRESENTED SAFETY TOPICS PRESENTED SAFETY TOPICS PRESENTED TVE CLOTHING/EQUIPMENT Handhat, safety glasses w/side shields, reflective safety vest, shirt with long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary. IL HAZARDS Potential for low level radiation COMPRISED COMPRISED SELUCION SELUKES Hospital PHONE 911/415-641-6625(ER) PARAMEDIC PHONE LADDRESS 3555 Cesar Chavez, San Francisco, CA 941124 REQUIPMENT None ATTENDEES COMPRISED COMP	29 - 141		
CLIENT	/ -			
SPECIFIC LOCATION		12		
			John all	
TIPE OF WORK	continue rever	TEIST, WHIT PHE	acoris pring	
	SAFETY T	OPICS PRESENTED		
SAFETY TOPICS	NIGHT WORK, SPOTT	one, which TRAPF	10	_
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long pants, s	teel-toed work boots. Gloves and	PFD (personal flotation device	as necessary.	
-				
CHEMICAL HAZARDS	Potential for low level radiation	n		
PHYSICAL HAZARDS	COULDMINT, UNIVER	SURFACE POLLING P	exks	
The state of the s	=,,)			
EMERGENCY PROCEDU	RES Employee to repo	rt any injury to Supervisor; Sup	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHO	NE 911/ 415-641-6625(ER	PARAMEDIC PHONE 911	
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco	co, CA 941124		
SPECIAL EQUIPMENT		None		
m danis metamonis				
TIME 0500 PROJECT NUMBER 29-141 Department of the Navy DECIFIC LOCATION IR OT PHECE 8 AFETY TOPICS CANTINUE REVEITED THATCH TOPICS PRESENTED AFETY TOPICS ALICHET WORK, SENTERLY, LINTER, TANTELLE, ROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses wyside shields, reflective safety vest, shirt with sleeves, long pants, steel-boed work boots. Gloves and PPD (personal flotation device) as necessary. HEMICAL HAZARDS Potential for low level radiation HYSICAL HAZARDS Employee to report any injury to Supervisor, Supervisor notify SSHO HOSPITAL/CLINIC St. Lukes Hospital PHONE 911/415-641-6625(ER) PARAMEDIC PHONE 911 OSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124 PRECIAL EQUIPMENT None ATTENDEES NAME PRINTED ATTENDEES NAME PRINTED ATTENDEES SIGNATURE COMPANY FROM AND LOCATED TO HOSPITAL COMPANY FROM AND LOCATED TO HOSPITAL COMPANY FROM AND LOCATED TO HOSPITAL COMPANY LANGE TO HOSPITAL COMPANY FROM AND LOCATED TO HOSPITAL COMPANY FROM AND L				
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Health & Safety Officer	DICK Epp	SUPERINT	ENDENT VAIVES /VOIS	3
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TAILGATE SAFETY MEETING

NAME DOWNTED	ATTENDEES	
NAME DOTAITED	ATTENDEES	
NAME PRINTED ROLO 4 Barry Sunofa KHUS HIM DE R MIMON Ramus HIRRIDZELT CAM GULTE SAMON NICE ROCKS NICE ROCKS NICE ROCKS NICE ROCKS ALUMA ALUMA MARCHET SHAGH ALUMA MARCHET SHAGH	COMPANY POSC FILL BINDA BINDA Roby TIK H.S. YDHUTR G.F. T POCCC	SIGNATURE By Calaba. Multiple Ren Man Zuris Jan Jan Jan Jan Jan Jan Jan Ja
Health & Safety Officer	SUPERINTE	NDENT
SIGNATURE	SIGNATURE	

DAILY FIELD ACTIVITY LOG

Prep	ared by:	Bishard Enn	Client:	Dept of the Nava	
RGDay:	areu by.	Richard Epp WEDNESDAY	Date:	Dept of the Navy	_
Project Nan		HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141	
Weather:		OVERCAST	Page:	/_ of	
Site Visitors		See Tailgate Sign In Log.			
Description	of Field A	Activities:			_
		15 SHARRIUS REVOTMENT - ILLUM			
	200 VIN	IL RIPRAP BY END DUMP TRUCK			_
		, LOVUZING JADIL FOR RAD TOWN			
	Assist	TOTHER THEN WITH AUBBLE SCA	NNING.		=
Č-	RECE	VING FILTOR ROCK BY TAHDEM DUN	OF TRUCKS,	WASHING TIPES	
	HAUL	ING CLUMRON CONCRETE RUBBLE	OFE-SIT	B	
_	ADDIN	IG RIPRAP TO LOW SPOTT.			
	SK	MONT IN USE: 3 WATER TRUCKS; I CAVATORS, EXCAVATOR, BULLDOZER LIDSTEEDE, STREET SWEEPER, 3 4	BACKHOR	, END LOS DOR,	_
Signed:		Mylyn	Date:	7/28/10	

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

Hunter's Point Parcel B IR07/18

Client: Project No.: Page:

29-141

Site Location:

San Francisco, CA

of

Calibration (Date and Time):

7/21/10

Standard Used:

AND BAG

Location	Date	Time	cauc In	- DataRAM	Commer	ts d BA
#3	7/28/10	0527	0.009	0.011	10973	60,7
# 2	1	0533	0.004	0.008	10972	71.
#1		0535	0.000	0.000	10771	-
#1	1	0611	0,000	0.000	10971	67
#2		0624	0.003	0.047	10972	60.
#3		0629	0.010	0.009	10973	60
#(0713	0.000	0.000	10971	64,0
#3		0728	0.010	0.010	10973	71
LIGHT POLE @ BLOWN	HUST	0730	DO 300	WORK ING SPORL	RILE CLES P'3	62.4
# Z WATON MIS	T (HOSE)	0738	0.013	0.095	10972	71.8
#1		0846	0.000	0-000	10971	73,7
FL	1 1	0849	0.016	0.126	10872	75.
#3		0856	0.007	0.069	10973	71.0
#1		0951	0,000	0.000	10971	72.5
#2		0954	0.008	0.098	10972	72,
印		0959	0.005	0.008	10973	60.
Ti		1105	0.000	0.000	10971	63.8
報2		1109	6.003	0.679	10972	73.
#3		1/13	6,003	0.088	10973	61.7
#1		1200	0.000	0.000	10971	67.
#2		1204	0,001	0.070	10972	67.
#3		1208	0,002	6.007	10973	62.
#3		1259	0.010	0.617	10973	60.9
#3 #2		1303	0.016	0.061	10272	73.2
# I BATTOMY DOM	но	1310		_	10971	66.
/	V					
			- 10-1-			
		- win				
			-		and the second	



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-055 through ERRG-A-IR07-058). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-046 through ERRG-A-IR07-050. No activity above the release criteria was identified in surveys ERRG-A-IR07-046, ERRG-A-IR07-049, and ERRG-A-IR07-050. For surveys ERRG-A-IR07-047 and ERRG-A-IR07-048, the following had activity above the release criteria and will be disposed of as LLRW.

Item NumberLLRW Bin #ERRG-A-IR07-047-030to be designatedERRG-A-IR07-048-008to be designated

Daily Status Report Page 2 of 2

• To date, 1044 pieces of shore line debris have been surveyed for free release. Seventy of the pieces did not meet the release criteria and have been classified as LLRW.

Issues/Items Pending Action

• None.

		CONTRACTOR QUALITY (ATTACH ADDITIONAL SHE		ORT	DATE 28/JUL/10 REPORT 031							
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT TITLE RA at II	R-07 & -18 at Parcel B; Soil F	Hotspot Locations a	at Parcels B,						
		TORY PHASE WORK PREFORMED TODAY?	D-1, an	d G; and Soil Stockpiles at P YES □ NO ■	arcels D-1 and G,	HPS, SF						
Σ	IF YES, FILL OU	ES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.										
PREPARATORY	Schedule Activity No.											
AR/												
(EP.												
P.												
	WAS INITIAL PH	ASE WORK PREFORMED TODAY?		YES NO								
	IF YES, FILL OU	S, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.										
۸L	Schedule Activity No.	Definable Feature of Work				Index#						
INITIAL												
=												
	WORK COMPLIE		IAL PHASE?	YES	■ NO □							
	WORK COMPLIE	ES WITH SAFETY REQUIREMENTS?		YES	■ NO □							
	Schedule Activity No.	Description of Work, Testing Performed & By Who Section, Location and List of Personnel Present	m, Definable Feature of Work, Spec	fication								
	02	Verified that activities performed conformed	to the site clearing and demoli	tion checklist.								
Ъ	03	Started and completed shoreline revetmen										
FOLLOW-UP		and C), imported riprap and incorporated into conformed to the shoreline excavation and	· · ·	rted and stockpiled filter rock, ver	ified that activities per	rformed						
LLO	04	Rad screening of large concrete debris from		d concrete debris from RCA and	stockpiled near Build	ing 231,						
Б		unloaded and spread spoils from shoreline	d, smoothed down rad screening	pad for towed array,	started towed							
		array rad scan.										
REWORK Sched		ED TODAY (NOT CORRECTED BY CLOSE OF BUS	INESS) REWORK ITEM Schedule	S CORRECTED TODAY (FROM REW	VORK ITEMS LIST)							
Activity		no	Activity No.	Description								
REMARKS	S (Also Explain Ar	ny Follow-Up Phase Checklist Item From Above That	Was Answered "NO"), Manuf. Rep 0	On-Site, etc.								
Sched Activity		no										
		certify that this report is complete and correct and			_							
complianc		and work performed during this reporting period is in drawings and specifications to the best of my knowledge	Elizabeth	Binning CMANAGER AT SITE	7	7/28/10 DATE						
ехеері из	noted in this report.	GOVERNMENT QUALITY ASSUR		DATE		BATE						
		PRESENTATIVE'S REMARKS AND/OR EXCEPTION										
Sched Activity		on										
4296/2 (9/9	98)		GOVERNMENT	QUALITY ASSURANCE MANAGER SHEET	1 OF 1	DATE						

Site Clearing and Demolition

Date:	7/28/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/28/2010

Shoreline Excavation and Revetment

7/28/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?					The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L

Requirement	Phase	Yes	No	N/A	Comments
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap Have the securing pins been removed as placement of revetment	Follow up Follow			X	
materials are placed to prevent tearing of geotextile or enlarging holes?	up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			

Requirement	Phase	Yes	No	N/A	Comments
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/28/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section DC1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 28, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section DC1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 28, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of filter rock in section DC1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 28, 2010



Photo 3: Shoreline Excavation and Revetment – Checking thickness of riprap in completed revetment sections.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 28, 2010



Photo 3: Radiological Screening and Remediation – Towed array scan of the shoreline excavation spoils.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 28, 2010



	CC	DATE 29/JUL/10								
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	AL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO	032			
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.l:	ames Nores				
AM WEATHER		Tremediation resources	PM WEATHER Mostly Su			MAX TEMP (F)	MIN TEMP (I	F)		
F	oggy, Cool			68	53					
	1		WORK PERFO	DRMED TODAY	1	 	<u> </u>			
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	3		
02,03,04	Crew working or	n placing rip rap in the low areas	identified in the survey and by	ERRG	1	Superintendent	10			
	field QC measur	rements. Crew working on remo	oving debris along the west end	ERRG	1	Construction Manager	8			
	of the revetment	t area, pull out the steel plates a	nd large concrete pieces.	ERRG	1	Project Manager	8			
	·	g with rip rap- stockpile along the	· ·	ERRG	1	QC Manager	8			
		concrete curb on the bedding ma	, ,	ERRG	1	Tech Lead	0			
	· ·	with existing filter rock pile in the ith Tetra Tech on flipping and pla		ERRG ERRG	2	H&S Officer QC Staff	16			
	screening strips		acing concrete on the debits	ERRG	7	Equipment Operators	44			
	oorcoming strips	<u>'</u>		ERRG	8	Laborers	29			
				ERRG	5	Truck Drivers	26			
				Tetra Tech	3	Rad Techs	24			
JO	B	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE,	181	1		
SAFE	TY	WERE THERE ANY LOST TIME (If YES attach copy of complete)	E ACCIDENTS THIS DATE?	YES	■ NO	THIS DATE, INCL CON'T SHE CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS	ETS			
	NLIFT/TRENCHIN		WORK/ HAZMAT WORK DONE	YES	■ NO	REPORT	4702			
		ASTE RELEASED INTO THE EN	NVIRONMENT?	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	4883	3.5		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN ME									
02,03,04	Tailgate safety b	priefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r					
			·							
EQUIPMENT/MAT	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHEE	DULE ACTIVITY NUMBER))					
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received							
03	001 and 001a	29 loads of 1/4 ton rip rap								
03	12	14 loads of filter rock								
04		97 rolls of orange demarcation	on fabric							
		+								
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.					
Schedule Activity No.	Owner	1	quipment Used Today (incl Make				Hours U	Jsed		
Activity No.	Harris Blade	4K water truck					8			
	ERRG	JD 200CLC Excavator					8			
	Harris Blade	Cat 950 Loader					8			
	United Rentals	25 KW Generators- 2ea					48			
	Rental Solutions	25KW Generator-1ea					12			
	SCS Tracer	Air Monitoring Skids- 2skids					48			
	Harris Blade	Cat 322 Long Reach					8			
	United Rentals	Takehuchi skidsteer loader					8			
Schedule Activity No.	REMARKS									
	•		la	mes Nores		7/29/10				
				CONTRACTOR/SUPERIN	TENDENT	DATE	·			

4296/2 (9/98) SHEET 1 OF 1

	CO	DATE 29/JUL/10					
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	AL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 032	cont.
CONTRACTOR	Engineering	/Remediation Resource	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		Terriodiation resources	ınny, Mild		MAX TEMP (F)	MIN TEMP (F)	
F	oggy, Cool			68	53		
	1		1	i			
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JOB	
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE ⁻	гѕ
SAFE		WERE THERE ANY LOST TIME		YES	□ NO	CUMULATIVE TOTAL OF WORK	
WAS CRANE/MAN	NLIFT/TRENCHIN	IG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE			REPORT	
,		t showing inspection performed.	•	YES YES	☐ NO	TOTAL WORK HOURS FROM	
		STE RELEASED INTO THE ENt and proposed action.)	YES	□ NO	START OF CONSTRUCTION		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENT	S HAVE BEEN MET.
EOLIIDMENT/MAT	EDIAL DECEIVE	D TODAY TO BE INCORDORA	ATED IN JOB (INDICATE SCHEI	OLU E ACTIVITY NU IMPEDI			
Schedule	I	1		JULE ACTIVITY NUMBER)			
Activity No.	Submittal #	Description of Equipment/Mat	teriai Received				
		1					
	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED A	ND SCHEDULE ACTIVITY I	NUMBER.		ı
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used
	ERRG	JD310 Backhoe					4
	Harris Blade	Cat 735-2ea					16
	Harris Blade	2K Water Truck					8
	United Rentals	2K Water Truck Cat LGP D-6 Bulldozer					8
	Harris Blade United Rental	Broce broom Sweeper					4
	Harris Blade	Hyundai Long Reach Excava	ator				8
	United Rentals	Light Towers (3ea)					24
Schedule Activity No.	REMARKS						·
			la	mes Nores		7/29/10	
			Ja	CONTRACTOR/SUPERIN	TENDENT	DATE	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-	D-2608
DATE 7/29	10 TIME 060	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07 PARCOL	B		
TYPE OF WORK	Continue reve	tment construct	ner import ru	o rap / Filler
	29 10 10 10 10 10 10 10 10 10 10 10 10 10	lebris removae		1,7-1,-
		OPICS PRESENTED		
SAFETY TOPICS		, TRAFFIC, UNEVAN	SUPPOST , WATER	
PROTECTIVE CLOTHIN	AND THE RESIDENCE OF THE PARTY	nat, safety glasses w/side shield		with sleeves,
	steel-toed work boots. Gloves and			
_				
CHEMICAL HAZARDS	Potential for low level radiation	1		
PHYSICAL HAZARDS		E Mark et australia		
THOUGHT INERIOS	Equipment, ST+F	, DUEVON SURE-ACOS		
EMERGENCY PROCEDU	IRES Employee to repor	t any injury to Supervisor; Supe	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHOP	NE 911/ 415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc	o, CA 941124		
SPECIAL EQUIPMENT		None		
NOTE:				
		ATTENDEES		
NAME PRINTED	1.	COMPANY	SIGNATURE	
VICENTE VALEN	CIA E	KILG ,	decento kal	wer
RUSSELL CAR	USON HAM	EISLERRE	July 5- Jan	-
Van Mark	t	ELECT	KMN	
1 ORUS O	Rocci	FOLLO	Con Own	-
Transach les	70.	TERE	Land	
PAFAELL	COL	KCE_	FUT 12	Span .
	etinez e	2000	Till Will	120
Tanner Bernet		KRG	Well In	0 1
Bush exter to		EMG	alant IL	2-1-01
Sharon Gall	aires	NWT	Salyer	0
Staff wasth	Page Iti	102/EICHO-	Inst white	
Home On	-	KRG		
KARISA MILLER		O ENVIRO	Partilla	-
win King	Te	ha Tech	8-40	
Another Egging		TIEC	N Jan	1/100
Health & Safety Officer	DICK GPP	SUPERINT	ENDENT OHIGES	140153
SIGNATURE /	1/Cap	SIGNATUR	E Samu C	Nas
	7.7			



TAILGATE SAFETY MEETING

NAME PRINTED LIZ BUNDANA Rafed Sarawa Raf	DATE	TIME PROJECT NUMBER	
NAME PRINTED LIZ BINAMS EBECS Rafael Saramia R 18 + K Rinda 714 Shirlish Shirlish February ROSS TRUCK ROSS TRUCK ROSP AND AND AND AND AND AND AND AND AND AND		ATTENDEES	
	NAME PRINTED LIZ BINAMS Rafarl Sarania Rafarl Sarania Rafarl Sarania Shivian Na Shivian Na Stevetisher Portland Share Wells Epomer, a. H. P. Altres Socie	RS PLUCIONS ATTENDEES COMPANY ERCO RINGA 718 RINGA	Rune Shirts Shir
Health & Safety Officer SUPERINTENDENT	Health & Safety Officer	SUPERINTE	NDENT

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
_RGDay:	THURSDAY	Date:	7/29/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	DRIZZES, OVORCHST, PARTY COUNTY	Page:	/ of
Site Visitors: Description of Field	See Tailgate Sign In Log. Activities:		
0600 847	WHY THIGHTE - DELZZLE, STYF,	TRAFF)	c, og vipmat, waton
CONTIN	UE SHORIZINE REVOTMENT - NO	LIGHTING	ROGUÍRED
VUITOR	es - 2 NAVY (ROJEC) 2 ONGINOUSES	LOOKing 6	PAP-PAP ÉPOYOTHUM
HAVU	NG CLOMAED RUBBLE TO RESO	ICUT	
LEVEL	NG SPOIL FROM SUMBLUE EXCHURTUR	cul septomi	ing AMOS, PICKING ROCKS
	IN ANCHORS THAT WORLD OUT LOOSE	ON SILT S	CORDEN WHEN IT WAS
VAN	DALLS D.		
REC	BIVING RIPRAP BY DOND-DUMPS & PL	TETIVING	FILTER ROCK BY
TA	NOOM DUMPS, WAS HING TIKES, WI	many pos	WEEPING DONAHUE ST.
ASSIC	TING TOTTER TOTAL WITH RUBBLE	scanning	1,
Equipme	ENT IN USE: 3 WATER TRUCKS, 2	DUMP TRUC	KS, 2 LONG ROMCH
EXCA	VATURS, EXCAVATOR, STREET SWE	seren, 1	END LONDOR, SKID
STEE	R, BACKHOE, BULLDOZOR,		
gned:	Allegy	Date:	2/29/10

AIR MONITORING LOG SHEET

Prepared by:

Client:

29-141

Project Name:

DICK EXP Hunter's Point Parcel B IR07/18

7/21/10

Project No.: Page:

Site Location: Calibration (Date and Time):

San Francisco, CA

Standard Used:

MIR BAG

	Location	Date	Time	COVC Ins	trument 7W4 DataRAM	Comme	LBA
#/	LIGHT MIST	7/29/30	0629	0.000	0.000	10971	78.
#2	"	1, 1	0637	0.000	0.025	10972	62.6
#3	"		0643	0.00	0.022	10973	61.2
#2	11		0733	0.004	0.007	10972	74.0
#3	- b		0743	0.003	0.010	10973	62.1
#1	u		0824	0.000	0.000	10971	63.
#2	11		0828	0,000	0.005	10972	72:
#3	t)		0833	0.002	0.011	10973	61.2
#1	6		0928	6,000	0.000	10971	65.
#12	i li		0931	0.007	0.004	10972	73.
#3	1.		0944	0,010	0.008	10973	674
#1	,		1154	0.000	0.000	16971	59.
#2			1159	0.002	0.004	10972	64
#3			1204	0.008	0.007	10973	67.
#1			1259	0.000	0.000	10971	69.
			1305	6.004	0.005	10972	69.
整3			1309	0.002	0.005	19973	57.
#3	_		1348	0.019	0.007	10973	62.1
数			1354	0:002	0.005	10972	64.
	4594 (= 1000)	1	1001				
	1						1
		1 de					
							1
	ter (temper (in each (support						
							1
			7				
-	10-1-10-1	es en en estat il financia					1
	-						



E1 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -					Н	leavy	Equi	pmer	nt De	fects						
Inspected By (Initials) And Date:	7 -	26-	-10	7-	27	-10	7-2	28-	PO	7-	29 -	-ID				
Tires and rims	Yes N	No N	V/A	Yes	No	N/A	Yes	No.	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s)
Fracks	D/			9			9			3	E					
Steps and handgrips	3			1			1			1	I					
Guards on moving parts?	0			1			0	D		1	D					
Engine belts and hoses	1			0			7	D		d	D					
Fluid levels acceptable?	1			1			1			9	D					
.oading/lifting capacity marked?	13,1			1			1			2	D					
Seat belt operative?	1			0			13			3	D					
Fire extinguisher present?	0,1			1			P			4						
Windows and mirrors unbroken?	1			1			1			4	D					
Gauges operative?	12			0			9			1						
Battery charged?	3			D			1			2						
Windshield wipers operative?	1			13			1			I	D					
Horn operative?	0			0			M	I		I						
Back up alarm operative?	1			1	D		Ø	E		7						
Lights and signals operative?	1			0			1	D		0						
Steering and other controls	0,			1	D		1			I	D					
Brakes	9			1			1			7						



Increated Dy (Tuitials)			,			leavy	Equi	pme								
Inspected By (Initials) And Date:	サー	26-	104	7-2		83	7-2	3-		7-2	9-1	014				
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
īres and rims	M			X			X			X						
racks			×			X			S			M				
teps and handgrips	B			130			100			100						
Guards on moving parts?	X			13d			8			190						
Engine belts and hoses	5			V			P			4						
fluid levels acceptable?	Sp			120			130			M						
oading/lifting capacity marked?	100			V			Ø			V						
Seat belt operative?	1			10			H			10						
ire extinguisher present?	10			B			[VB			B						
Vindows and mirrors unbroken?	Ø			Q			凤			4						
Sauges operative?	Ø			Ø			Q			B						
Battery charged?	100			17			B			N						
Vindshield wipers operative?	10			D			Y			Q						
Horn operative?	Pa			100			A			W.						
Back up alarm operative?	审			Q			B			9						
lights and signals operative?	10			Q			T.			[XI						
Steering and other controls	13			5			1			M						
Brakes	D						1			X						

10	166
EF	RG

Inspected By (Initials) And Date:	7-	26-	Me RI	-7-	Heavy Equipmer ### ### 7-27-10 7-28-						1/4 29-	10				
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	U			9			V			W						
Fracks			V			U			V			V				
Steps and handgrips	V			4			V			V						
Guards on moving parts?	4			4			P			M						
Engine belts and hoses	9						V			U						
Fluid levels acceptable?	日						V			g						
Loading/lifting capacity marked?	U			V			V			V						
Seat belt operative?	V			5			1			0						
Fire extinguisher present?	U			U			V			V						
Vindows and mirrors unbroken?	U			4			V			U						
Gauges operative?	19			D			U			V						
Battery charged?	0			W			19			V						
Windshield wipers operative?	V			V			U			W						
Horn operative?	V			V			4			d						
Back up alarm operative?	V			U			P			19						
Lights and signals operative?	0			V			V									
Steering and other controls	4			V			1			U						
Brakes	P			V			1			V						



Inspected By (Initials)		16,	,	10%	1	leavy M	Equi	pmei	nt De	fects	/	M				
And Date:	Mon	7/2	6 KM	/ues	7/27		Wil	67	22	The	17/2	3 Km				Defeat(s):
Tires and rims		No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
2007-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	X			16		10.00	×			1						
Tracks			1			×			A			K				
Steps and handgrips	A	П	Ц	E			0			4						
Guards on moving parts?	4)			K			T						
Engine belts and hoses	1			K			K			N						
Fluid levels acceptable?	1			9			K									
Loading/lifting capacity marked?	K			X			1			R						
Seat belt operative?	V						1			R						
Fire extinguisher present?	V			-80			A			K						
Windows and mirrors unbroken?	A			図			1			1						
Gauges operative?	K			P						1						
Battery charged?	1X						1			X						
Windshield wipers operative?	K			1			1			Z						
Horn operative?	K	П		M			M	П		X				П	П	
Back up alarm operative?	1			例			1			1	П			П	Ē	-
Lights and signals operative?	K			180			1			V					$\overline{\Box}$	5
Steering and other controls	K		H	100			0			V	П		П		F	Driver rear signed show
Control of the contro	X			180			1			Z					$\overline{}$	
Brakes	IN.	ш		1807	ш		LU			LK		ш			ш	



Inspected By (Initials)		i.e	ML	1-12		leavy ///√			nt De		00	-: 00.				
And Date:	00	170	MM	7/2	6 1	DE	u	ED"	M	T	HUR	7-191	FT	I	_	D 4 44 X
Tires and rims	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tracks		Y				V			V			M				
Steps and handgrips	D			T			4			V						
Guards on moving parts?	D			V			X			P,						
Engine belts and hoses	M			X			A			0						
Fluid levels acceptable?	Q			X			V			A						
Loading/lifting capacity marked?	D			V			R			1						
Seat belt operative?	N			K			H			D						
Fire extinguisher present?	R						X			B						
Windows and mirrors unbroken?	D			4			V			A.						
Gauges operative?	Q			0						1						
Battery charged?	D			Ø			W									
Windshield wipers operative?	D						X			D						
Horn operative?	Ø			B,			A			A						
Back up alarm operative?	B			Z			也			V						
Lights and signals operative?	K			[X			U			V						
Steering and other controls	风			团			N			120						
Brakes	M						B			P						



			len		, F	leavy	Equi	pmer	nt De	fects						
Inspected By (Initials) And Date:	ne	110	Wi	1/2-	7/	·ai	7/	128	tru	7	129	110				
Tres and rims	Yes	No.	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tracks		X			D			X			1					
Steps and handgrips	(2)			A			7			A						
Guards on moving parts?	X			X			K			A						
Engine belts and hoses	A)			D			E			À						
Fluid levels acceptable?	N.			D			D			K						
Loading/lifting capacity marked?	X			V			R			V						
Seat belt operative?	X			A			R			K						
Fire extinguisher present?	X			(X)			凤			D						
Windows and mirrors unbroken?	X			P			Q			K						
Gauges operative?	X			单			D			R						
Battery charged?	D			TX.			Q			D)						
Windshield wipers operative?	X			10			X			X						
Horn operative?	R			T			R			X						
Back up alarm operative?	N			X			X			X						
Lights and signals operative?	K			以			X			1x						
Steering and other controls	R			A			X			D						
Brakes	12			A			X			X						



Inspected By (Initials) And Date:	D 121 10 10 10 10 10 10 10 10 10 10 10 10 10	
And Date:		Defect(s):
ires and rims	Yes No N/A Yes No N/A Yes No N/A Yes No N/A Yes No N/A	
racks		
teps and handgrips		
Guards on moving parts?		
ingine belts and hoses		
fluid levels acceptable?		
.oading/lifting capacity marked?		
Seat belt operative?		
Fire extinguisher present?		
Vindows and mirrors unbroken?		
Gauges operative?		
Battery charged?		
Windshield wipers operative?		
Horn operative?		
Back up alarm operative?		
lights and signals operative?		
Steering and other controls		
Brakes		



Inspected By (Initials)		W	-0		H	leavy	Equi	pme	t De	fects	01	V				
And Date:	7/2	600	BY	7/2	70	38	7/2	28/	10	7/	ZP	RA	7:	N P	THE STATE OF THE S	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims			X			X			X			X				
racks	X			X			X			X						
Steps and handgrips	X			X			X			K		6				
Guards on moving parts?	X			X			X			X						
Engine belts and hoses	X			X			X			X						
Fluid levels acceptable?	X			X			X			A						
oading/lifting capacity marked?	X			X			X			X						
Seat belt operative?	X			X			X			X						
Fire extinguisher present?	X			X			X			X						
Windows and mirrors unbroken?	X			X			V			A						
Gauges operative?	X			X			X			X						
Battery charged?	X			X			X			B						
Windshield wipers operative?	X			X			X			(X)						
Horn operative?	X			X			X			13						
Back up alarm operative?	X			X			X			X						
Lights and signals operative?	X			X			X			A						
Steering and other controls	X			X			X			B						
Brakes			X			X			X			D.				



Towns and Box (Tulbinto)					١	leavy	Equi	pme	nt De	fects		-				
Inspected By (Initials) And Date:	2/2	811	o My	UV	7/	29/10	,									
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
ires and rims	er	Ц		4						Ц						
racks						4										
teps and handgrips	0			4												
Guards on moving parts?	4			4												
Engine belts and hoses	4			4												
Fluid levels acceptable?	4			4												
.oading/lifting capacity marked?			3			4	4									
Seat belt operative?																
Fire extinguisher present?		3		4												
Vindows and mirrors unbroken?			U			9										
Gauges operative?	D			1												
Battery charged?	0			4												
Windshield wipers operative?			1			4										
Horn operative?		4			4											
Back up alarm operative?	1			4												
Lights and signals operative?		V			V											
Steering and other controls	U			1												
Brakes	Ø			V												



Tres and rims Tracks Steps and handgrips Guards on moving parts?	Yes A	lo N/	A Y	es N	0 N/	1	h	Me	1	/hi	In				
Fires and rims Fracks Steps and handgrips			A Y	es N	0 N/		/			_	10	_			
Fracks Steps and handgrips Guards on moving parts?			1/1		4	A Ye	s/No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Steps and handgrips Guards on moving parts?	/		1-			1				Ц		/			
Guards on moving parts?	/	_		1				N			4				
27.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.				1/			1								
Engine belts and hoses	V					0	/		4						
	W/			7			N		4	D					
Fluid levels acceptable?	1			9 5			1		9	Z					
oading/lifting capacity marked?	9,1			4					4	Z.					
Seat belt operative?	1	J			1 [10	I		9	X					
Fire extinguisher present?	1]_[X		D	E		4	D					
Windows and mirrors unbroken?	0/] [Y/		1 9	Z		4	V					
Gauges operative?	1/1			1/Z			1		4	0					1
Battery charged?	V/			1/]	K		4	D					7 4 4 4
Windshield wipers operative?	U/			4		0	D		P	Z					100
Horn operative?	1	1		4		0	1		W	V					4
Back up alarm operative?	1			de			E		0	X					(
Lights and signals operative?	0/	1/		1/	7	U	1		4	V.	1	4			1 1
Steering and other controls	1	5			VI] []	11		4	1	_E				2
Brakes	91			4		U			1						



T			,	1	F	leavy	Equi	pmer	t De	fects									3
Inspected By (Initials) And Date:	7-20	10	PRA	7/2	z my	LORA	7-	28 1	O PH	7.	-29/	MIRA		ai.		100			3
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A		Defect((s):	1
Tires and rims			X			6			4	4		1							
Tracks	K			X			X			H								1	
Steps and handgrips	X			X			X			4						1			
Guards on moving parts?	A			T.			X	2		4							V 11		
Engine belts and hoses	X			1			×			F							*		
Fluid levels acceptable?	X	20-			- 🗆		X			4			Q.			L. C. Selection	-75 4		
Loading/lifting capacity marked?	Z.			B			×			H							- 7		
Seat belt operative?	N			A			1			4							7 - 104	- 5	
Fire extinguisher present?	N			X		-	X			H					1	10.0			
Windows and mirrors unbroken?	X						A			B	1					· V	3		
Gauges operative?	K	. 1		£			7			B						- a- " -			
Battery charged?	*			X			(A		0	H		V D							
Windshield wipers operative?			X			N			4	1		1				1			
Horn operative?	X			X			*			4		1				127-			
Back up alarm operative?	X			A			N			4					n.	15 1	1		
Lights and signals operative?	K			X	5		A			P			1			45.5			
Steering and other controls	X	3	3 🗆	X			1			+					- 0.	1	-		
Brakes	X			+			P			4						15			
	1	N OF													1	2	3 . 4		
Explain corrective actions taken:		1															14		



						leavy				fects						
Inspected By (Initials) And Date:	7.2	7-1	10/10	7-7	18-	100	7:2	9-10	M							
	2.0	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	X			×			×									
Tracks			X			×			A.							
Steps and handgrips	X			X			K									
Guards on moving parts?	X			×			K									
Engine belts and hoses	X			×			8									
Fluid levels acceptable?	X			×			×									
Loading/lifting capacity marked?	X			×			×									
Seat belt operative?	X			X			%									
Fire extinguisher present?	X			×			K									
Windows and mirrors unbroken?			X			×			K							
Gauges operative?	X			X			X									
Battery charged?	X			X			×									
Windshield wipers operative?			X			X			X							
Horn operative?	X			×			K									
Back up alarm operative?	X			X			K									
Lights and signals operative?	R			×			K									
Steering and other controls	K			R			K									
Brakes	X			X			100									
	-						Carl									
Explain corrective actions taken:					-											



			IAN's		di	eavy	Equi	pme	t De							
Inspected By (Initials) And Date:		7-26	IME	7-2	7-11	120	00	28-1	0	7-7	9 -	60				
110	1645	No		Yes	No	N/A	Yes		N/A		No	N/A	Yes	No	N/A	Defect(s)
Tires and rims			V			X			N			X				
Tracks	V			X			7			X						
Steps and handgrips	V			X			4			X						
Guards on moving parts?	4			'A			W,			K						
Engine belts and hoses				X			D			×						
Fluid levels acceptable?	V			TX.			1			X						
Loading/lifting capacity marked?	V			X			V			X						
Seat belt operative?	M			X			1			K						
Fire extinguisher present?	V			X			Ó			X						
Windows and mirrors unbroken?	V			X			k			X						
Gauges operative?				X			4			N						
Battery charged?				X			H			X						
Windshield wipers operative?	7			X			V			B						
Horn operative?	V			X			N			4						
Back up alarm operative?	V			V			B			X						
Lights and signals operative?				X			H			X						
Steering and other controls	V			×			B			×						
Brakes	V			V			T			A						



DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-059 through ERRG-A-IR07-060). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- Towed array scanning of the first two sediment pads is underway.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-051 through ERRG-A-IR07-056. No activity above the release criteria was identified in surveys ERRG-A-IR07-051, ERRG-A-IR07-052, ERRG-A-IR07-055, and ERRG-A-IR07-056. For surveys ERRG-A-IR07-053 and ERRG-A-IR07-054, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u> <u>LLRW Bin #</u> ERRG-A-IR07-053-018 to be designated _Daily Status Report Page 2 of 2

ERRG-A-IR07-053-026 to be designated ERRG-A-IR07-054-007 to be designated

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALITY			RT	DEDODT	JUL/10
			(ATTACH ADDITIONAL SHEE		PΔ at IR-	07 & -18 at Parcel B; Soil H	NO	032 at Parcels B.
PHASE			N62473-09-D-2608	CONTRACT T	D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF
>			RY PHASE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL PREPARATORY P	HVSE CHECKLIS	т	YES NO		
PREPARATORY	Sche		Definable Feature of Work	TIAGE OFFICIALIS	'1.			Index #
ZAT	Activity	y No.	Definable i eature of work					muex #
PA								
RE								
	WAS INIT	IAL PHAS	SE WORK PREFORMED TODAY?			YES NO		
			AND ATTACH SUPPLEMENTAL INITIAL PHASE CH	HECKLIST.				1
ÞΓ	Schee Activity		Definable Feature of Work					Index #
INITIAL								
_								
	WORK CO	OMPLIES	WITH CONTRACT AS APPROVED DURING INITIA	AL PHASE?		YES	■ NO □	l
	WORK CO	OMPLIES	WITH SAFETY REQUIREMENTS?			YES	■ NO □	
	Schee Activity		Description of Work, Testing Performed & By Whom Section, Location and List of Personnel Present	, Definable Featur	e of Work, Specific	ation		
	02	2	Removed sheet pile wall and debris from alo	ng northwest ed	lge of shoreline,	verified that activities performe	d conformed to the si	te clearing
굡			and demolition checklist.					
FOLLOW-UP	03	3	Started and completed shoreline revetment of and C), imported riprap and incorporated into					
P			conformed to the shoreline excavation and re		•	ted and stockpiled litter rock, ve	enned that activities p	errormed
F0.	04	4	Rad screening of large concrete debris from			spoils from shoreline excavation	on on rad screening p	ead,
			continued towed array rad scan.					
REWORK	ITEMS IDE	ENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSIN	IESS)	REWORK ITEMS	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)	
Sched Activity		escription			Schedule Activity No.	Description		
					•			
DEMA DIV	0 (4) 5	1			W 4 6 D 0			
Sched Activity	lule	plain Any escription	Follow-Up Phase Checklist Item From Above That W	as Answered "NO	"), Manuf. Rep On-	Site, etc.		
On behalf	of the contr	ractor I ce	rtify that this report is complete and correct and					
equipmen compliance	t and materi ce with the c	ial used and contract dra	d work performed during this reporting period is in awings and specifications to the best of my knowledge	_	Elizabeth B		-	7/29/10
except as	noted in this	s report.	GOVERNMENT QUALITY ASSURA			MANAGER AT SITE DATE		DATE
QUALITY	ASSURAN	ICE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTIONS			DATE		
Sched Activity		escription						
7								
4296/2 (9/9	98)			7	GOVERNMENT QU	JALITY ASSURANCE MANAGER SHEET	1 OF 1	DATE

Site Clearing and Demolition

Date:	7/29/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	x			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/29/2010

Shoreline Excavation and Revetment

7/29/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	7/29/2010



Photo 1: Shoreline Excavation and Revetment – Installation of filter rock in section DC2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 29, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of riprap in section DC2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 29, 2010





Photo 3: Shoreline Excavation and Revetment – Reanchoring the silt curtain.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: July 29, 2010



Photo 3: Site Clearing and Demolition – Removal of steel plate portion of the fence at northwest corner of the shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Date: July 29, 2010



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: July 30, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site
 activities. Radiological air monitors were deployed prior to performing any invasive or
 dust generating activities at both upwind and downwind locations. RCA postings were
 routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris removed from the shoreline (ERRG-A-IR07-061 through ERRG-A-IR07-062). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- Towed array scanning of the first two sediment pads is underway.

The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-057 through ERRG-A-IR07-059. No activity above the release criteria was identified in these three surveys.

Issues/Items Pending Action

• None.

	CC		RODUCTION RE	PORT		DATE 02/A	UG/1	0
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	033	3
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER	0 0	Tremediation resources	PM WEATHER	A 4'1 1		MAX TEMP (F)	MI	N TEMP (F)
F	oggy, Cool		Mostly Su	-		68		53
Schedule			WORK PERFO	ORMED TODAY		1		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Set up to accept	t rock deliveries today- 10 trucks	looping with rip rap from	ERRG	1	Superintendent		10
		5 trucks looping with filter rock fr	•	ERRG	1	Construction Manager		8
		shoreline revetment area. Plac	· ·	ERRG ERRG	1	Project Manager		8
		existing pile. Crew working on to debris screening strips. Crew wo	1	QC Manager Tech Lead		8		
	west end of the		Jiking on debris removal at the	ERRG ERRG	1	H&S Officer		8
	Wood ond or the			ERRG	2	QC Staff		16
				ERRG	5	Equipment Operators		22
				ERRG	6	Laborers		18
				ERRG	4	Truck Drivers		16
				Tetra Tech	3	Rad Techs		24
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		138
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT		4883.5
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE .)	YES	■ NO	TOTAL WORK HOURS FROM	1	
(If YES attach des		ASTE RELEASED INTO THE EN it and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		5021.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED	0		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	oriefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r			
EQUIDMENT AAT	EDIAL DEGEN/E	TO TODAY TO DE INCODESSA	TED IN 100 (NIDIOATE OCUE	N				
Schedule	l	I	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER;)			
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
03	001 and 001a	31 loads of 1/4 ton rip rap						
03	12	15 loads of filter rock						
		+						
		+						
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
0.1.1.1	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
				mes Nores		8/2/10		
				CONTRACTOR/SUPERIN	IENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE	EPORT		DATE 02/AUC	G/10
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 033	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores	
AM WEATHER			PM WEATHER	B.431-1		MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		Mostly Su			68	53
0.1.1.1			WORK PERFO	ORMED TODAY	1	1	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
						TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEETS	3
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WORK	
MAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE	_	_ 100	HOURS FROM PREVIOUS REPORT	
(If YES attach state	ement or checklis	t showing inspection performed.	i.)	YES	☐ NO	TOTAL WORK HOURS FROM	
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENTS	HAVE BEEN MET.
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHEI	DULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received				
		+					
CONSTRUCTION	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY N	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	equipment Used Today (incl Make	e and Model)			Hours Used
Activity 140.	ERRG	JD310 Backhoe					4
	Harris Blade	Cat 735-2ea					16
	Harris Blade	2K Water Truck					8
	United Rentals	2K Water Truck					8
	Harris Blade	Cat LGP D-6 Bulldozer					8
	United Rental	Broce broom Sweeper	<u> </u>				4
	Harris Blade United Rentals	Hyundai Long Reach Excava Light Towers (3ea)	itor				8 24
Schedule		Light Towers (Sea)					24
Activity No.	REMARKS						
							-
			Ja	mes Nores		8/2/10	
				CONTRACTOR/SUPERIN	TENDENT	DATE	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard CONTRACT # N642/3-09-D-2608
DATE 8/2/	
CLIENT	Department of the Navy
SPECIFIC LOCATION	IR-07, PARCE B
TYPE OF WORK	ROCOTVING RIPRAP, ASSISTING TOTRATOCH WITH EUBOLE SURVING
	SAFETY TOPICS PRESENTED
SAFETY TOPICS	
PROTECTIVE CLOTHIN	
long pants, s	steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.
CHEMICAL HAZARDS	Potential for low level radiation
PHYSICAL HAZARDS	
EMERGENCY PROCEDU	
HOSPITAL/CLINIC	St. Lukes Hospital PHONE 911/ 415-641-6625(ER) PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisco, CA 941124
SPECIAL EQUIPMENT	None
NOTE:	
ricas-manufacturis-	
ALLANE DOTATES	ATTENDEES
NAME PRINTED	COMPANY SIGNATURE
William Schu	
VICENTE VALE	NCIA ERRE aluet Noluero
BORN TORM	the sines Borso Boundly
	mer EREG THE Glower 1 0
Markicut Gingl	Reby TKG 11/19 ottether
Milton Came	5 Why The appropriate
The Contract	DINDA TURNETINE
4:5-8166	321-1 1 36 W
Nick Benefi	
Kirardo Ane	equit Exac
Michael frien	ERRO THE W
Tanner Benne	
412 Bizning	ELLC S
- archie Jac	Son NWT achie Jackson
Health & Safety Officer	PICK OFF SUPERINTENDENT PARES
	Mr. m
SIGNATURE	SIGNATURE COULT COLLET



TAILGATE SAFETY MEETING

DATE	2/2/10	_ TIME _	PROJECT NUM	IBER 29-141
			ATTENDEES	
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Health & Sa	fety Officer		SUPE	RINTENDENT
SIGNATURE			SIGN	ATURE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	_Client: Date:	Dept of the Navy				
RG _{Day:}	MONDAY						
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:					
Weather:	ONORCAST	Page:		of	1		
Site Visitors:	See Tailgate Sign In Log.						
Description of Field A	Activities:						
0600 SAF-0	TY TRILGATE - ROLLING ROCKS						
	EIPRIP FROM OND DUMP THURS,	WASHING T	TRUT & SUCH	prigate			
DOWN	WO ST.						
ASUTIN	TOTAL TOOK WITH BUBBLE SCHWIN	5					
	NING PAD.	WE EXCHI	VATTICE ON A	ead)	_		
REETVI.	I FILTON ROCK FROM TANDOM DUE	ups, same	S DUST CONT	Ma C ,			
REMOVE	NG RUBBLE FROM NW END OF SHO	RELINE					
BROAKIN	4 CONGLOTE € A\$ 20, BLDG, 304.						
Rom	MR TRACK ON GREAVATOR.						
	TIN UNE : EXCAVATOR, BACKHOE, G	DAD LOADER	, 2 centrar	TRUCK	<u> </u>		
ned: M	Man	Date:	8/2/10				

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

DICK GPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

8/2/10 @ 0700

Client:

Project No.:

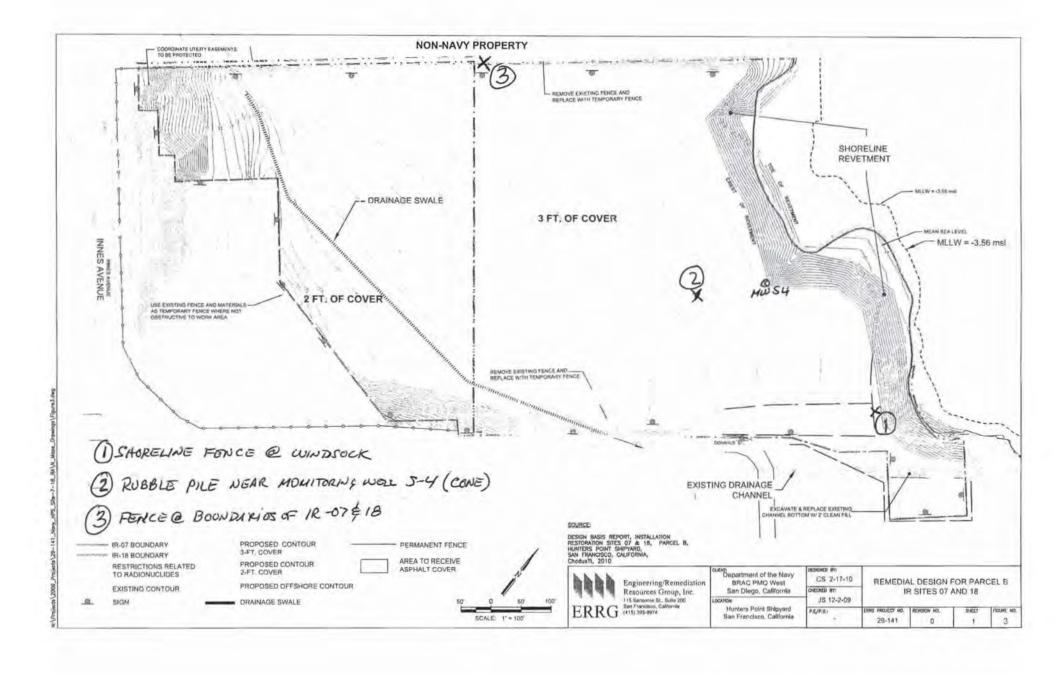
USNAVY 29-141

Page:

of

Standard Used: ALR BAG

Location	Date	Time	cave. In	strument 70/4 DetaRAM						
#1	8/2/10	0717	0.003	0.002	10971	65.9				
#2	1	0733	8.000	0.000	10972	84.2				
#3		0739	0,000	0.000	10973	61.6				
tel		0829	6.000	0.003	10971	58,4				
\$2		0834	0.000	6.000	10972	36.7				
#3		0837	0.000	0.000	10973	68.5				
#1		0947	0.000	0.001	10971	59.2				
#2		0.952	0.009	0,800	10972	66.7				
#3		0955	0.000	0,000	10973	67.9				
#1		1102	0.019	0.002	10971	64.7				
11/2		1106	0.000	0.000	10972	65.7				
#3	.	1610	0,000	0.000	10973	66:				
#= i	1 1	1219	6,002	0,003	10971	58:				
#2		1222	0,000	0.000	10972	59.4				
#3	1 \	1225	0.000	0.000	10973	61.2				
#3		1323	0.000	0.000	10973	62.				
#3		1328	0.000	0.000	10972	70.4				
#1		1332	0.010	0.003	10971	743				
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DAILY STATUS REPORT IR-07 Remedial Action

1 Report Date. August 2, 2010 Likko - C10 0007 1 reparct. Shanti Wontgome	Report Date: August 2, 20	ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-063 through ERRG-A-IR07-066). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- Completed towed array scanning of the first two sediment pads. Data is being processed.

Issues/Items Pending Action

None.

		(CONTRACTOR QUALIT			RT	REPO		2/AUG/10
			(ATTACH ADDITIONAL SH	HEETS IF NECESSAF	,	07 9 10 at Darral D. (NO		033
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	TLE D-1, and	07 & -18 at Parcel B; \$ G; and Soil Stockpiles	ouii Hotspot s at Parcels	D-1 and C	s at Parceis B, S. HPS, SF
	WAS P	REPARATO	RY PHASE WORK PREFORMED TODAY?	<u>"</u>	D I, and	YES NO		D Tana C	, 111 0, 01
4۲	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIS	ST.				
PREPARATORY		nedule	Definable Feature of Work						Index #
{A]	Activ	ity No.	Johnson Calabo S. Work						indox ii
ΑF									
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			SE WORK PREFORMED TODAY?			YES NO			
			AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.					1
AL		nedule ⁄ity No.	Definable Feature of Work						Index #
INITIAL									
2									
	WORK	COMPLIES	WITH CONTRACT AS APPROVED DURING IN	ITIAL PHASE?			YES 🔳	NO]
	WORK	COMPLIES	WITH SAFETY REQUIREMENTS?				YES 🔳	NO []
		nedule	Description of Work, Testing Performed & By Wh	nom, Definable Featur	e of Work, Specific	ation			
	Activ	vity No.	Section, Location and List of Personnel Present						
		02	Continued removing debris and breaking	out concrete from	along northwest	edge of shoreline, verifie	ed that activit	ies perform	ed conformed to the
占			site clearing and demolition checklist.						
۷-۲		03	Imported riprap and stockpiled along the t	op of the revetmen	t, imported and s	tockpiled filter rock, verifi	ed that activit	ies perform	ed conformed to the
0			shoreline excavation and revetment check	klist.					
FOLLOW-UP		04	Rad screening of large concrete debris fro	om shoreline.					
E)									
REWORK Sched		DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BU	JSINESS)	Schedule	CORRECTED TODAY (FROI I	M REWORK IT	EMS LIST)	
Activity		Description			Activity No.	Description			
REMARKS	S (Also E	xplain Any	Follow-Up Phase Checklist Item From Above Tha	at Was Answered "NC	o"), Manuf. Rep On-	Site, etc.			
Sched Activity		Description							
On behalf	of the co	ntractor, I ce	rtify that this report is complete and correct and						
equipmen	t and mate	erial used an	d work performed during this reporting period is in awings and specifications to the best of my knowledge	,	Elizabeth B	inning			8/2/2010
except as			awings and specifications to the best of my knowledge			MANAGER AT SITE			DATE
			GOVERNMENT QUALITY ASSU	RANCE REPOR	T	DATE			
		NCE REPF	RESENTATIVE'S REMARKS AND/OR EXCEPTION	ONS TO THE REPOR	T				
Sched Activity		Description							
420610 1011	201			-	GOVERNMENT QU	JALITY ASSURANCE MANA			DATE
4296/2 (9/9	20)					S	HEET 1 OF 1		

Site Clearing and Demolition

Date: 8/2/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/2/2010

Shoreline Excavation and Revetment

8/02/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/02/2010



Photo 1: Site Clearing and Demolition - Removal of debris from northwest corner of revetment.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

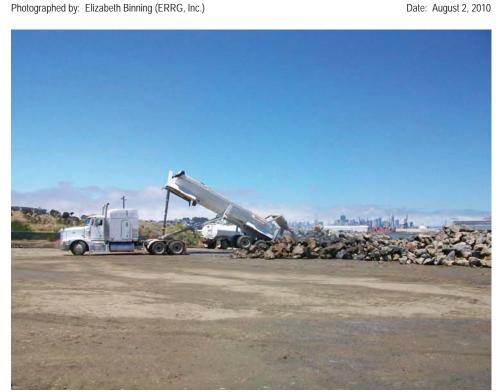


Photo 2: Shoreline Excavation and Revetment - Stockpiling of riprap along top of shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 2, 2010



	CC	NTRACTOR PI	DATE 03/AUG/10								
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO 034					
CONTRACTOR	Engineering	/Remediation Resources	s Group Inc	SUPERINTENDENT	.1:	ames Nores					
AM WEATHER		//terriculation /tesources	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)			
F	oggy, Cool		Mostly Su			68		53			
	1		WORK PERFO	DRMED TODAY	1	1					
Schedule Activity No.		TRADE		HRS							
02,03,04,09	Set up to accept	t rock deliveries today- 8 trucks l	ooping with rip rap from	ERRG	1	Superintendent		10			
	Syar Napa and	5 trucks looping with filter rock fr	om Syar Lake Herman. Place	ERRG	1	Construction Manager		0			
		shoreline revetment area. Plac		ERRG	1	Project Manager		8			
		existing pile. Crew working on		ERRG	1	QC Manager		8			
		debris screening strips. Crew wo revement. Crew working on coll-		ERRG ERRG	1	Tech Lead H&S Officer		8			
	areas- hand dig		ecting samples at the not spot	ERRG	3	QC Staff		24			
	aroao mana arg			ERRG	3	Equipment Operators		17			
				ERRG	4	Laborers		11			
				ERRG	2	Truck Drivers		12			
				Tetra Tech	3	Rad Techs		24			
JO	В	WAS A JOB SAFETY MEETING		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		122			
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		5021.5			
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	■ NO	REPORT					
		ASTE RELEASED INTO THE EN t and proposed action.)	IVIRONMENT?	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		5143.5			
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN										
02,03,04,09	Tailgate safety b	priefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r						
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)	1						
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received								
03	001 and 001a	27 loads of 1/4 ton rip rap									
03	12	15 loads of filter rock									
CONSTRUCTION	AND PLANT FO	LUPMENT ON TOR SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDI II E ACTIVITY I	NIIMBER						
Schedule	Owner	Í	quipment Used Today (incl Make		NOMBER.		1	Hours Used			
Activity No.	Harris Blade	4K water truck	quipment edea reday (incrimate	and Modely				8			
	ERRG	JD 200CLC Excavator						8			
	Harris Blade	Cat 950 Loader						8			
	United Rentals	25 KW Generators- 2ea						48			
	Rental Solutions	25KW Generator-1ea						12			
	SCS Tracer	Air Monitoring Skids- 2skids						48			
	Harris Blade	Cat 322 Long Reach						8			
	United Rentals	Takehuchi skidsteer loader						8			
Schedule Activity No.	REMARKS										
	<u> </u>		1	naa Nissee		0/0/40					
				mes Nores CONTRACTOR/SUPERIN	TENDENT	8/3/10 DATE					

4296/2 (9/98) SHEET 1 OF 1

	CC		RODUCTION RE	PORT		DATE 03/AUG	3/10
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO 034	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores	
AM WEATHER _		- Tromodiation (Coodings)	PM WEATHER	B.431.1		MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		Mostly Su			68	53
	1		WORK PERFO	ORMED TODAY	1	i	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
						TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEETS	3
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WORK	
WAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT	
(If YES attach state	ement or checklis	t showing inspection performed.	.)	YES YES	☐ NO	TOTAL WORK HOURS FROM	
		ASTE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ №	START OF CONSTRUCTION	
Schedule Activity No.							HAVE BEEN MET.
•							
FOLUDIAENT/MAAT	EDIAL DECENT		ATED IN TOR (INDICATE COLIF				
Schedule	Submittal #	Description of Equipment/Mat	ATED IN JOB (INDICATE SCHED	JULE ACTIVITY NUMBER)			
Activity No.	Submittal #	Description of Equipment/Mat	leriai Received				
	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY N	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used
	ERRG	JD310 Backhoe					4
	Harris Blade	Cat 735-2ea					16
	Harris Blade	2K Water Truck					8
	United Rentals	2K Water Truck					8 8
	Harris Blade United Rental	Cat LGP D-6 Bulldozer Broce broom Sweeper					4
	Harris Blade	Hyundai Long Reach Excava	ator				8
	United Rentals	Light Towers (3ea)					24
Schedule Activity No.	REMARKS						
			ٔ دا	mes Nores		8/3/10	
			Jai	CONTRACTOR/SUPERIN	TENDENT	DATE	_



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-	D-2608
DATE 8/3/	O TIME	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07, PARCELB	, AV-20		
TYPE OF WORK		FITTH MOCK, PUBL	sur an sitering,	concrete
	Brown @ AV-ZU			
	SAFETY TO	OPICS PRESENTED		
SAFETY TOPICS	ROLLING ROOKS.			
long pants, st	G/EQUIPMENT Hardi eel-toed work boots. Gloves and	nat, safety glasses w/side shields PFD (personal flotation device) a		with sleeves,
CHEMICAL HAZARDS	Potential for low level radiation	n		
PHYSICAL HAZARDS			<u> </u>	
EMERGENCY PROCEDU	The same of the sa	t any injury to Supervisor; Super		
HOSPITAL/CLINIC	St. Lukes Hospital PHOI		PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc	o, CA 941124		
SPECIAL EQUIPMENT		None		
		ATTENDEES		
NAME, PRINTED		COMPANY	SIGNATURE	
	LENCIH E	RRE ,	Keent Vale	nei
William Schmid		RRG .	Bon's torall	•
PAFAEL LO		26	Plat Jen	
FERNANDO LOZ		REG	of My	2
Bobsevto A.		rec.	The Int	ne
J. Commishiper		Jut	anth	0
Libroughard		1607	Bass	4
Sharon Gallage		VWT	y hus ge	-4-
Rainfrucking	Pa	ERRG	20 1.1	
WHAT STRAIN	G1.	110	THAT	
liceNe VALENCE		Rto /	Veent Values	~
KIAUSHINDE	rsnah B	IN/0A	# 1 And	
HARPREET SING		·F·T	Tarrior	
Kulding gings	K	38	Wister	1
Health & Safety Officer	DIAK OPP	SUPERINTE	NDENT VAMPY	Klores
	my Inno		Mary Mill	My
SIGNATURE //	11 VVII	SIGNATURE	XUMUX USIV	107

DAILY FIELD ACTIVITY LOG

Prepared b	by: Richard Epp	Client: Dept of the Navy
RGDay:	TUBDAY	Date: 8/3/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.: 29-141
Weather:	OUDICAST - CLOAR	Page: / of
Site Visitors:	See Tailgate Sign In Log.	
Description of Fie		
0600	SAFOTY TAMENTO - ROLLING ROCK & C	GUIPMINT, TRAPPE
	LORRING PUBBLE DROM SHORDING	
Po	SCOTVING PLPEAR FROM MODOVINES - WAS	HING HOUS , SPANIT WHIT DUNDING
R	DOST VING FITTER NEGLE FROM THANDOW DUMP	1- WERICA TIROT, EWEDRING
-	DONARUE ST.	
A	BSISTING TOTRA TOUN WITH EUBBLE SCAN	wing
	Aving CLOARED PUBBLE TO AUCYLLE	
Be	CONKIE CONCLOSE @ AV-20 FOR SAMPLE	dq
U	THETY SURVEY OF 5 HOT SPOT LOCATION	15 - 2 NOME B304, 3 NOME
	WORK STON ON PARCON A	
Ma	WOD SITE FONCE Q. EAST 500 OF SHOW	DOWN FOR ACCOSS.
- Epal	print in ust - Excentrice, SKID STEER	, END COMDED , DUMP TRUCK
-	3 WHOL THUCKS, BACKAGE.	
Signed:	Milian	Date: 8/3/10
	///	



TAILGATE SAFETY MEETING

		TTENDEES	
NAME PRINTED	COMP		SIGNATURE
I AT DERIVIED	COMP	200	SIGNATURE
UL DINNINA	FE	49	123
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Brad Hall	ERR	6	1215
Zione II			1/2
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ealth & Safety Officer		SUPERINTE	NDENT
		- SOI EIGHTE	
		SIGNATURE	

AIR MONITORING LOG SHEET

ERRG

Prepared by:

Project Name:

DICK BPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time): 8/2/10

Client:

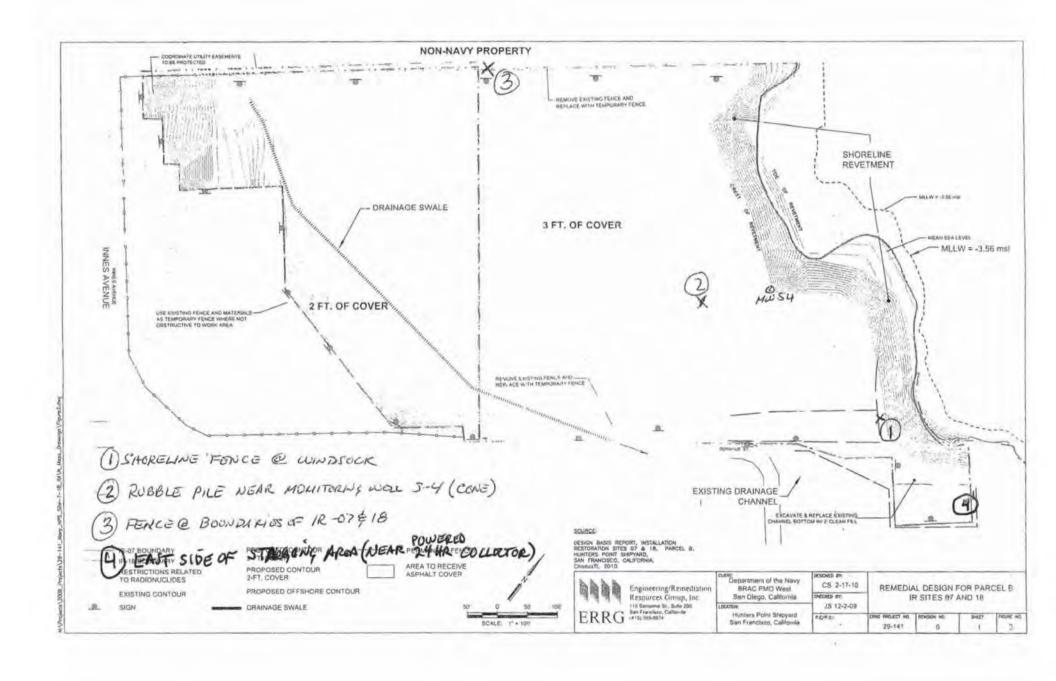
US W1V9 29-141

Project No.:

Page:

Standard Used: MR BAC

Location	Date	Time	CONC. In	DataRAM	Comme	onts of B
#/	8/3/10	0555	0.000	0.002	10971	54.
47	1/	0613	0.000	0 000	10972	58.
±3		0621	0.000	0.000	10973	56:
#]		0842	0.003	0.003	10971	62.
#2		0851	0.000	0.000	10972	54.
#3		0856	0.000	0.000	10973	61.
# 4 MOUDD #1		1020	_	_	10971	-
#4		1035	0.009	0.007	10971	68.6
#2		1039	0,000	0.000	10972	56.
#3		1051	0,002	0. 060	10973	60.
#4	7.00	1242	0.033	0.007	10971	70,5
# 3		1404	6,000	0-000	10973	60.
42		1408	0.000	0.000	10972	64.8
\$4 BATTONY DIAD	1	1417	0,		10971	-
			1010 0000 1040 16 11-000	-	- 7/4	





DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August 3, 2010 ERRG – CTO 0004 Preparer: Shar
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-067 through ERRG-A-IR07-070). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- To date, 1260 pieces of debris have been surveyed for free release with 70 pieces not meeting the free release criteria and to be disposed of as LLRW.

Issues/Items Pending Action

• None.

CONTRACTOR QUALITY CONTROL REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY) DATE 03/AUG/10 REPORT 0.34						AUG/10 034		
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parcel B; Soil H	otspot Locations	at Parcels B,	
		ORY PHASE WORK PREFORMED TODAY?		D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and G,	HPS, SF	
RY		AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIS	īT.				
۸ТО	Schedule Activity No.	Definable Feature of Work					Index#	
AR/	09	Hotspot Excavation and Backfill at Parcel B	, D-1, and G					
PREPARATORY	10	Soil Stockpile Removal at Parcels D-1 and G	}					
Ф								
	WAS INITIAL PH	ASE WORK PREFORMED TODAY?			YES NO			
	IF YES, FILL OUT	AND ATTACH SUPPLEMENTAL INITIAL PHASE C	HECKLIST.				<u> </u>	
IAL	Activity No.	Definable Feature of Work					Index #	
INITIAL								
		S WITH CONTRACT AS APPROVED DURING INITI S WITH SAFETY REQUIREMENTS?	AL PHASE?		YES	NO D		
	Schedule	Description of Work, Testing Performed & By Whor	m, Definable Featur	e of Work, Specific	YES	■ NO □		
	Activity No.	Section, Location and List of Personnel Present						
	02	O2 Removed fence and tree along northeast edge of shoreline, started removing debris along northeast edge of shoreline, verified that performed conformed to the site clearing and demolition checklist.						
FOLLOW-UP	performed conformed to the site clearing and demolition checklist. 103							
NO.		shoreline excavation and revetment checklis	st.					
OLL	04	Rad screening of large concrete debris from	n shoreline.					
ш	09	09 Sampled hotspots BJ30 and BJ31.						
REWORK	ITEMS IDENTIFIE	L D TODAY (NOT CORRECTED BY CLOSE OF BUSI	NESS)	REWORK ITEMS	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)		
Sched Activity		n		Schedule Activity No.	Description			
REMARKS	S (Also Explain An	y Follow-Up Phase Checklist Item From Above That \	Was Answered "NC	"), Manuf. Rep On-	Site, etc.			
Sched Activity		n						
		pertify that this report is complete and correct and not work performed during this reporting period is in		Clinabath D	in a in a		3/3/2010	
complianc		rawings and specifications to the best of my knowledge		Elizabeth B JUTHORIZED QC	INNING MANAGER AT SITE		DATE	
		GOVERNMENT QUALITY ASSURA	ANCE REPOR	Т	DATE			
QUALITY / Sched	ule I	RESENTATIVE'S REMARKS AND/OR EXCEPTION	S TO THE REPOR	Т				
Activity	No. Description	n						
4296/2 (9/9	98)		-	GOVERNMENT QU	JALITY ASSURANCE MANAGER SHEET	I OF 1	DATE	

PREPARATORY PHASE CHECKLIST			SPEC SECTION	00.00	03/AUG/10	
CONTRACT NO	<u> </u>	(CONTINUED ON SECOND PAGE DEFINABLE FEATURE OF WORK	SE)	SCHEDULE ACT	00 00 NO	INDEX#
	3-09-D-2608		ackfill at Parcels B, D-1, and G		09	
	GOVERNMENT R NOTIFIED	EP 48 HOURS IN ADVAN	NCE:	YES 🔳	NO 🗌	
F	NAME		POSITION		COMPANY/GOV	ERNMENT
SEA	Elizabeth Binning		Quality Control Manager		ERRG	
Z E	John Sourial		Project Manager		ERRG	
_ ⊑	Brad Hall		Principal		ERRG	
ij	Richard Epp		SSHO		ERRG	
N O	Shirley Ng (by pho	•	ROICC		Navy, ROICC SF	
PERSONNEL PRESENT	Andrew Uehisa (b Shanti Montgome		ROICC Project Manager - Radiological Servi	ices	Navy, ROICC SF	- Bay
PE	Lara Urizar (by ph	•	Remedial Project Manager			0
	Michael Mentink (Caretaker Site Office (CSO) - Field L	_ead	Navy, BRAC PM Navy, HPS	
			HAVE ALL SUBMITTALS BEEN APPROVED?		,,	YES NO I
			01: Materials Handling Plan, SD-04: Select F		III Material Tests	ILO 🔲 NO 🖻
						Coloot Fill
	SD-06: Confirmat	tion Screening Sampling Results, SD-06: E	Borrow Source Assessment, SD-06: Moisture	Content and Densi	ty Tests of In-place	Select FIII
ဟု	ADE ALL MATERI	AL O ON HANDO				
SUBMITTALS	ARE ALL MATERI IF NO, WHAT ITE	MS ARE	YES NO			
Ę	MISSING?	Backfill soil will be deliv	vered when soil cover DFOW is started			
JBN						
รเ						
			MATERIAL. (THIS SHOULD BE DONE AS MA	ATERIAL ARRIVES	S.)	
	COMMENTS: Thi	s will occur when the backfill material is de	livered to the site.			
		STORED PROPERLY?	YES NO			
7 11	IF NO, WHAT ACT	FION IS TAKEN?				
MATERIAL STORAGE						
A P						
S ⊠						
	REVIEW EACH PA	ARAGRAPH OF SPECIFICATIONS. Backf	ill and compaction requirements from Section	31 00 00 will be ad	nered to.	
ဟ						
Ž O		DURE FOR ACCOMPLISHING THE	Hotspot locations will be delineated using the	analytical data gat	hered during same	oling. Sampling will be performed using
SPECIFICATIONS	WORK.	rect push rig. After delineation of the hotsn	pots in completed, the areas will be excavated			
<u>[</u> 2	a nana auger or ur	rect pashing. After definedation of the hotsp	oots in completed, the areas will be excavated	and backined acce	rung to the work p	naii.
SE						
PE	CLADIEV ANV DI	FFERENCES. None at this time.				
0,	CLARIFT AINT DIE	None at this time.				
쏫		INARY WORK IS CORRECT AND PERMI				
Ö,	IF NOT, WHAT AC	No permits are require	ed for this DFOW.			
Y ∨ ETS						
IAR						
PRELIMINARY WORK & PERMITS						
PRI						

	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM.	Compaction testing of the backfill soil will be performed at the frequen	cy described in the specifications
	WHEN REQUIRED? During placement of backfill material		
O	WHERE REQUIRED? Hotspot excavation footprints		
TESTING			
ËS			
-			
	REVIEW TESTING PLAN. See testing log in QC Plan		
	HAS TEST FACILITIES BEEN Yes, Smith-Emery of Sa	an Francisco	
	AFFROVED!		
	ACTIVITY HAZARD ANALYSIS APPROVED?	YES NO	
		ned to preparatory meeting agenda for a list of hazards associated with the	is DFOW.
			
SAFETY			
S			
	NAVY/ROICC COMMENTS DURING MEETING.		
ပ			
Ξ			
Ĭ			
COMMENTS			
MEETING			
ä			
2			
	OTHER ITEMS OR REMARKS:		
<u>ج</u>	Other personnel present at the meeting:		
တတ	Doug DeLong, CSO - Environmental Compliance Manager, Base Po	int of Contact, Navy, HPS	
ΠX			
¥¥			
声品			
OTHER ITEMS OR REMARKS			
-			
	1		0/00/0040
		Elizabeth Binning	8/03/2010
		QC MANAGER	DATE

PREPARATORT PHASE CHECKLIST					03/AUG/10	
CONTRACT NO		(CONTINUED ON SECOND PAGE DEFINABLE FEATURE OF WORK		SCHEDULE ACT	NO.	INDEX#
N6247	3-09-D-2608 GOVERNMENT R	I D	val at Parcels D-1 and G		10	
_	NAME NAME NAME NAME NAME NAME NAME		NCE: POSITION	YES	NO COMPANY/GOVE	EDNMENT
PERSONNEL PRESENT	Elizabeth Binning		Quality Control Manager		ERRG	LINIVILINI
ESF	John Sourial (by p		Project Manager		ERRG	
PR	Brad Hall	··············	Principal		ERRG	
긥	Richard Epp		SSHO		ERRG	
Z	Shirley Ng (by pho	one)	ROICC		Navy, ROICC SF	Bay
SO	Andrew Uehisa (b	by phone)	ROICC		Navy, ROICC SF	Вау
Ä	Shanti Montgome	ry	Project Manager - Radiological Servi	ces	TtEC	
<u> </u>	Lara Urizar (by ph		Remedial Project Manager		Navy, BRAC PM	0
	Michael Mentink (by phone)	Caretaker Site Office (CSO) - Field L	ead	Navy, HPS	
	REVIEW SUBMIT	TALS AND/OR SUBMITTAL REGISTER.	HAVE ALL SUBMITTALS BEEN APPROVED?	ı		YES NO
	IF NO, WHAT ITE	MS HAVE NOT BEEN SUBMITTED? Nor	ne			
6						
SUBMITTALS	ARE ALL MATERI IF NO, WHAT ITEI MISSING?		YES NO			
Σ	IVIIOOIIVO :	·				
l B						
o o	CHECK APPROVI	ED SUBMITTALS AGAINST DELIVERED	MATERIAL. (THIS SHOULD BE DONE AS MA	ATERIAL ARRIVES	3.)	
		submittals are required for this DFOW.	`		,	
		·				
	ARE MATERIALS	STORED PROPERLY?	YES NO			
	IF NO, WHAT ACT	TION IS TAKEN?				
KAI AGE						
TEF XX						
MATERIAL STORAGE						
		ADAODADU OF ODFOIFIOATIONS				
	REVIEW EACH PA	ARAGRAPH OF SPECIFICATIONS. No sp	pecifications are associated with this DFOW.			
SPECIFICATIONS	DISCUSS BROCE	DURE FOR ACCOMPLISHING THE				
잍	WORK.	EDURE FOR ACCOMPLISHING THE	Soil stockpiles will be sampled by ERRG for o	characterization. Ef	RRG may or may no	ot be loading the trucks for offsite
CA	disposal.					
뜻						
)EC						
S	CLARIFY ANY DIF	FFERENCES.				
¥	ENSURE PRELIM	IINARY WORK IS CORRECT AND PERMI	ITS ARE ON FILE.			
PRELIMINARY WORK & PERMITS	IF NOT, WHAT AC	CTION IS TAKEN? No permits are require	ed for this DFOW.			
N ∑						
AR						
PE						
<u> </u>						
, KE						

	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM.	No field tests are required for this DFOW.	
	WHEN REQUIRED? NA		
45	WHERE REQUIRED? NA		
TESTING			
EST			
Ħ			
	REVIEW TESTING PLAN. NA		
	HAS TEST FACILITIES BEEN NA		
	APPROVED? NA		
	A CTIVITY (MATARIA ANALYSIS A RIPROVIDE	🗖 🖸	
	ACTIVITY HAZARD ANALYSIS APPROVED?	YES NO	
> -	REVIEW APPLICABLE PORTION OF EM 385-1-1. See AHAs attach	ned to preparatory meeting agenda for a list of hazards associated with thi	s DFOW.
Ē			
SAFETY			
40	NAVY/ROICC COMMENTS DURING MEETING.		
5			
MEETING COMMENTS			
₩			
Ö			
2			
Ë			
₩			
	OTHER ITEMS OR REMARKS: Other personnel present at the meeting:		
OR	Doug DeLong, CSO - Environmental Compliance Manager, Base Po	int of Contact, Navy, HPS	
AS KS	200g 2022-ig, 000 2o.mointai compilai io managor, 2000 i		
AR I			
∐∭			
OTHER ITEMS OR REMARKS			
10			
		Elizabeth Dinning	9/02/2010
		Elizabeth Binning	8/03/2010
		QC MANAGER	DATE

Site Clearing and Demolition

Date: 8/3/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	x			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/3/2010

Shoreline Excavation and Revetment

8/3/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/3/2010



Photo 1: Site Clearing and Demolition – Removal of fence and tree from along top of northeast corner of revetment.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 2: Shoreline Excavation and Revetment – Removal of debris from northeast shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 3, 2010

Date: August 3, 2010





Photo 3: Hotspot Excavation and Backfill – Sampling of hotspot BJ30.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 3, 2010



Photo 4: Hotspot Excavation and Backfill – Sampling of hotspot BJ30.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.)

Date: August 3, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 04/AUG/10			
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO 035		
CONTRACTOR	Engineering	/Remediation Resources	Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER		//terriculation /tesources	PM WEATHER			MAX TEMP (F)	MIN	TEMP (F)
F	oggy, Cool		Mostly Su			68		53
Schedule			WORK PERFO	ORMED TODAY	1	1		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04,09	Set up to accept	t rock deliveries today- 10 trucks	looping with rip rap from	ERRG	1	Superintendent		10
		5 trucks looping with filter rock fr	•	ERRG	1	Construction Manager		0
		shoreline revetment area. Place		ERRG	1	Project Manager		8
		existing pile. Crew working on the debris screening strips. Crew wo		ERRG RSI	3	QC Manager Drillers		30
		evement. Crew working on colle	-	ERRG	1	H&S Officer	+	8
	the hot spot area		ooming campion man annote at	ERRG	3	QC Staff	+	30
				ERRG	5	Equipment Operators		21
				ERRG	6	Laborers		17
				ERRG	4	Truck Drivers		18
				Tetra Tech	3	Rad Techs		24
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		174
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		5143.5
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	YES	■ NO	REPORT TOTAL WORK HOURS FROM		
(If YES attach des	HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? THE START OF CONSTRUCTION TO THE WORK HOURS FROM START OF CONSTRUCTION START OF CONSTRUCTION TO THE WORK HOURS FROM START OF CONSTRUCTION START OF CONSTRUCTION TO THE WORK HOURS FROM START OF CONSTRUCTION START OF CONSTRUCTION TO THE WORK HOURS FROM START OF CONSTRUCTION START OF CONSTRUCTION TO THE WORK HOURS FROM START OF CONSTRUCTION START OF CONSTRUCTION TO THE WORK HOURS FROM START OF CONSTRUCTION START OF CONSTRUCTION TO THE WORK HOURS FROM START O							
Schedule Activity No.								
02,03,04,09	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
EQUIDMENT AAT	EDIAL DEGEN/E	D TODAY TO DE MOODBODA	TED IN IOD (NIDIOATE OCUED	N. W. E. A. O.T. W. (T. V. N. W. D. E. D.)				
Schedule	l	1	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
03	001 and 001a	27 loads of 1/4 ton rip rap						
03	12	15 loads of filter rock						
CONSTRUCTION	AND PLANT EQ	 UIPMENT ON JOB SITE TODA`	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
			lar	mes Nores		8/4/10		
				CONTRACTOR/SUPERIN	TENDENT	DATE		

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 04/AUG/10		
CONTRACT NO N62473-	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,		REPORT NO 035 cont.		
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores		
AM WEATHER _		Tromodiation (coodings)	PM WEATHER	B 421 1		MAX TEMP (F)	MIN TEMP (F)	
F	oggy, Cool		Mostly Su			68	53	
	1		WORK PERFO	ORMED TODAY	1	i	_	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	
							_	
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JOB	+	
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEETS	3	
SAFE		WERE THERE ANY LOST TIME		YES	□ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS		
WAS CRANE/MAN	NLIFT/TRENCHIN	IG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE			REPORT		
,		t showing inspection performed.	,	YES YES	☐ NO	TOTAL WORK HOURS FROM		
		STE RELEASED INTO THE ENtransition and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION		
Schedule Activity No.								
•								
EOLUDAENT/MAA	EDIAL DEGENIE	D TODAY TO DE INCORDORA	ATED IN 100 (INDIOATE COLIE	DILLE A OTIVITY ALLIADED				
Schedule	I	1	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
CONSTRUCTION	AND PLANT EQU	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY N	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	equipment Used Today (incl Make	e and Model)			Hours Used	
	ERRG	JD310 Backhoe					4	
	Harris Blade	Cat 735-2ea					16	
	Harris Blade	2K Water Truck					8	
	United Rentals	2K Water Truck					8	
	Harris Blade United Rental	Cat LGP D-6 Bulldozer Broce broom Sweeper					8 4	
	Harris Blade	Hyundai Long Reach Excava					8	
	United Rentals	Light Towers (3ea)	<u></u>				24	
Schedule Activity No.	REMARKS							
	1			mas Naras		8/4/10		
			Ja	mes Nores CONTRACTOR/SUPERIN	TENDENT	DATE	_	



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D	-2608
DATE 8/6	1/10 TIME 06	00 PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07, PAREOZB	, AV20	- 1	
TYPE OF WORK			CONCRETE, RECOTVIN	ig RIPRAT
	4 FILTOR ROCK	, , , , , ,	,	1 /
		OPICS PRESENTED		
SAFETY TOPICS		& MOUNIC ROCKS + CONCI	esté	
PROTECTIVE CLOTHIN	The state of the s		ds, reflective safety vest, shirt v	vith sleeves,
	teel-toed work boots. Gloves and			
-	8			
CHEMICAL HAZARDS	Potential for low level radiation	n		
PHYSICAL HAZARDS	ROCKS CONCRETE DOBA	is, STAF, Equipment	- DOLNOWY TRUCKS ,	
EMERGENCY PROCEDU	RES Employee to repor	t any injury to Supervisor; Sup	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHOI	911/ 415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc	o, CA 941124		
SPECIAL EQUIPMENT		None		
		ATTENDEES		
NAME PRINTED	1 -	COMPANY	2) _ SIGNATURE	
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FERNANDO LO	ZA ER	Re-	for yearner	
	2026	FIRE	shy pon	~
FRODENTO A	gul-era	RRE	Thurst of	ne
PAFPEL LA	22A E	PRE	TRAWI JG	4
William Schmid	<i>†</i>	PKG	will like	
Adam Rec		Teci	DAN	
Sharon Galla		NUT	1 Domester	2
LISA Brows 82		UWT	8-18-	
Tanger Bennett,	10	EMG	THIN	tty,
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"Milton Kan	<i>B P</i>	oby TKG	Mugo- W.	1
Health & Safety Officer	DICK OPP	SUPERINT	ENDENT DAMES	Noves
SIGNATURE	Mann	SIGNATUR	E Lanus C/	lu



TAILGATE SAFETY MEETING

DATE	TIME PROJECT NOMBER	
	ATTENDEES	
NAME PRINTED KHUSHINI OF R SINICH WELLIFOR Meldipor Mile logers Barry Schota	BINDA BINDA BINDA	SIGNATURE
Nery Carrange Dose Amberi Dose M-CHARLER LIZ BIANIAS Michael Friedman William Schmolt	RSC RSC RSC PROG EARG EXECT	And Suray
THN SOURIAL	ERRG	
ealth & Safety Officer	SUPERIN	TENDENT
IGNATURE	SIGNATU	RE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
RGDay: Project Name: Weather: Site Visitors: Description of Field A	HPS Remediation Sites 7-18 Parcel B, Hotspots OVSPCAST - CLORE, WWDY See Tailgate Sign In Log.	Date:	8/4/10
	y THIGHTO - ROLLING ROCKS, TRAFFE	ic Bou	PMOT, STAF
CONTRI	UND SHORETING RUBBLE ROMOVA		
HAVLING	CLEARED RUBBLE TO ATOYCLE.		
Assist	IN TETM TECK WOTH RUDBLE PAD.	scassing	
	D ELPRAP & FILTOR POCK. WAS	HING TIES	4 sweeping
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	JOBSITE, TWO DYNERS NOON BLD		OF IN B PANCOZ CAST
MUVE	PILE OF EXCAVATOR MATERIAN MUNICIPAL.	Frem H	HOTSPOT CHAVATTAN
	T IN USG: 3 WATOR TRUCKS, EXCAN	INTOR, OW	D LOMPOR, 2 DUMP
Signed:	Myley	Date:	8/4/10

AIR MONITORING LOG SHEET

of

Prepared by:

Project Name:

Hunter's Point Parcel B IR07/18
San Francisco, CA

Site Location:

Calibration (Date and Time):

Client:

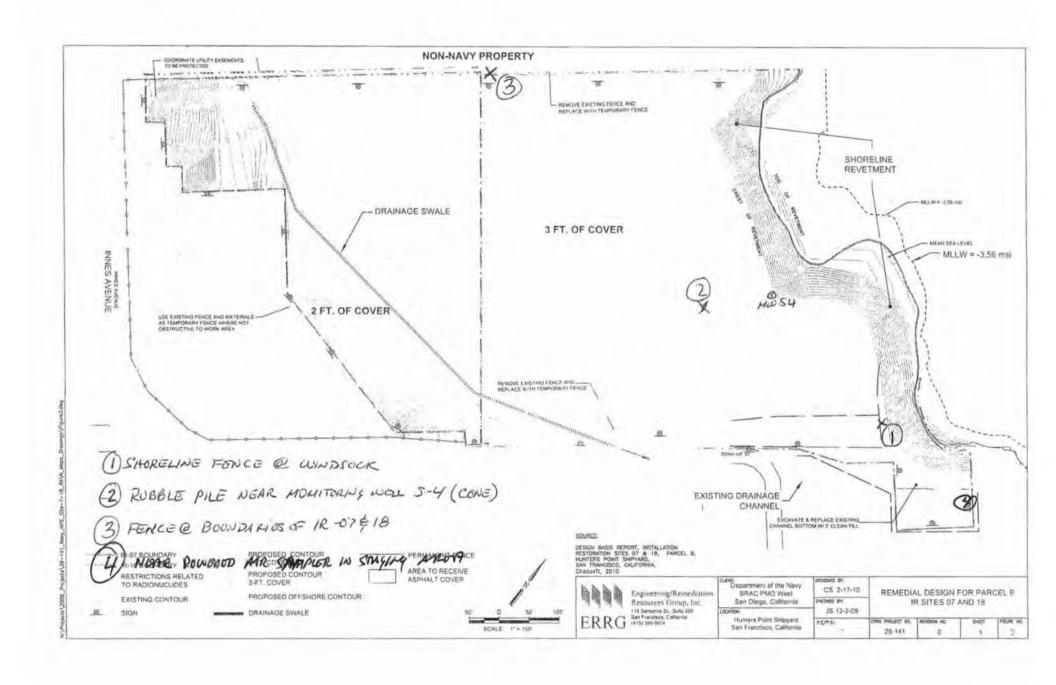
Project No.:

29-141

Page: Standard Used:

AIR BAG

Location	Date	Time	CONC. In	DataRAM	Comme	ents APA
#4	8/4/10	0610	0.014	0.010	10971	65.
#2	11	0625	0,000	0.000	10972	62.8
#3		0630	0.000	0.009	10973	60,2
#4		0754	6,000	0.010	10971	68.0
#2		0817	0.000	0.000	10972	62.
#3		0820	0.002	0.002	10973	61.4
# 4		1100	0.016	0.010	10971	72.7
#2		1120	0.000	0.000	10972	67.9
#3		1125	0.000	0.000	10973	60:
#4		1306	0.016	0.013	10971	67,4
#2		1311	6.000	0.000	10972	68.6
#3		1336	0,000	0.000	10973	60.9
43		1406	0:000	0.000	10973	61.1
T3		1410	0,005	0,00	10972	
#4 BATTERY DONO		1420	0		16971	60,3
			1100			
				N 8711		





DAILY STATUS REPORT IR-07 Remedial Action

	Report Date: August 4, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site
 activities. Radiological air monitors were deployed prior to performing any invasive or
 dust generating activities at both upwind and downwind locations. RCA postings were
 routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-071 through ERRG-A-IR07-074). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- To date, 1332 pieces of debris have been surveyed for free release with 70 pieces not meeting the free release criteria and to be disposed of as LLRW.
- Base-wide radiological personnel performed a gamma scan at former sample location BA22 located in Parcel D-1 in preparation of ERRG's upcoming sampling and excavation activities. The gamma scan indicated a range of 3.13Kcpm to 5.06Kcpm.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALIT			RT	REPORT 04/	AUG/10
			(ATTACH ADDITIONAL S	HEETS IF NECESSAI		07 8 19 of Darrol D. C	NO	ot Parcols R
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	TITLE D-1, and	07 & -18 at Parcel B; S G; and Soil Stockpiles	at Parcels D-1 and G	HPS, SF
	WAS PF	REPARATO	RY PHASE WORK PREFORMED TODAY?	•	,	YES NO		
RY	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATO	RY PHASE CHECKLIS	ST.			
PREPARATORY		edule	Definable Feature of Work					Index#
RA.	ACIIV	rity No.						
PAI								
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	MAYA O INI	ITIAL DUA	DE WORK PRESCRIED TODAYS				7	
			SE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL INITIAL PHAS	E CHECKLIST		YES NO		
_		edule		L GITLORLIST.				1
INITIAL		rity No.	Definable Feature of Work					Index #
Ę	(09	Hotspot Excavation and Backfill at Parce	el B, D-1, and G				
=								
			WITH CONTRACT AS APPROVED DURING II	NITIAL PHASE?			YES NO	
			WITH SAFETY REQUIREMENTS?				YES NO	
		edule rity No.	Description of Work, Testing Performed & By W Section, Location and List of Personnel Present		re of Work, Specifica	ation		
		02	Continued removing debris along norther	ast edge of shorelin	e. verified that ac	ctivities performed conform	ned to the site clearing ar	d demolition
•			checklist.					
FOLLOW-UP	(03	Imported riprap and stockpiled along the	top of the revetmen	nt, imported and s	stockpiled filter rock, verifie	ed that activities performe	d conformed to the
MC			shoreline excavation and revetment chec		· · ·		· · · · · · · · · · · · · · · · · · ·	
LLC	(04	Rad screening of large concrete debris for					
FO	(09	Sampled hotspots B3416, B3426, B4716		using a direct pus	sh drill rig.		
_					0 1			
REWORK	ITEMS II	DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF B	USINESS)	REWORK ITEMS	CORRECTED TODAY (FROM	REWORK ITEMS LIST)	
Sched Activity		Description			Schedule Activity No.	Description		
REMARKS	S (Also E	xplain Any	Follow-Up Phase Checklist Item From Above Th	nat Was Answered "NC	D"), Manuf. Rep On-	Site, etc.		
Sched Activity		Description						
Activity	INO.							
On behalf	of the cor	ntractor, I ce	rtify that this report is complete and correct and					
equipmen	t and mate	rial used an	d work performed during this reporting period is in awings and specifications to the best of my knowledge	re	Elizabeth B	inning		8/4/2010
except as			armigs and specifications to the observe my anomical	Ā	AUTHORIZED QC N	MANAGER AT SITE		DATE
			GOVERNMENT QUALITY ASSU			DATE		
QUALITY / Sched	ulo I		RESENTATIVE'S REMARKS AND/OR EXCEPT	IONS TO THE REPOR	RT			
Activity		Description						
				·-				
4296/2 (9/9	98)				GOVERNMENT QU	JALITY ASSURANCE MANAG SI	GER HEET 1 OF 1	DATE

CONTRACTA	10			11	IA I	04/AUG/10	
CONTRACT N	CT NO DEFINABLE FEATURE OF WORK 12473-09-D-2608 Hotspot Excavation and Backfill at Parcels B, D-1, G		Parcola P. D.1. G	SCHEDULE ACT		INDEX#	
100247		EP NOTIFIED 24 HOURS IN ADVANCE:	Parceis B, D-1, G	YES 🔳	NO 🗆		
F	NAME	10010 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18 117/18	POSITION	i i	COMPANY/GOVER	RNMENT	
PERSONNEL PRESENT	Elizabeth Binning		Quality Control Manager		ERRG		
RE	Michael Friedman	ı	Geologist		ERRG		
_ P	Richard Epp		SSHO		ERRG		
Ä	Tanner Bennett		Quality Control Officer		ERRG		
NO	William Schmidt		Quality Control Officer		ERRG		
RS	Nery Carranza		Driller		RSI		
PE	Jose Ambriz		Driller		RSI		
	Jose Carranza		Driller		RSI		
PROCEDURE COMPLIANCE		COMPLIANCE WITH PROCEDURES IDENTIFIED rocedures are in compliance. Submittals required					
<u> </u>	ENGLIDE DDELIM	INARY WORK IS COMPLETE AND CORRECT. II	E NOT WHAT ACTION IS TAKENS				
≿	No preliminary wo		F NOT, WHAT ACTION IS TAKEN?				
PRELIMINARY WORK	140 preminary we	in is required.					
ELIMINA							
N N							
) RE							
WORKMANSHIP	WHERE IS WORK LOCATED? IS SAMPLE PANE WILL THE INITAL	Parcels B, D-1, and G, HPS, SF	YES [YES [IBLE AND DESCRIBE LOCATION OF				
N	RESOLVE ANY D COMMENTS:	IFFERENCES. No differences were identified.					
Ĕ	COMMENTS.	no unreferices were identified.					
ארו							
RESOLUTION							
2							
CHECK SAFETY	REVIEW JOB CO	NDITIONS USING EM 385-1-1 AND JOB HAZARD EM 385-1-1 & site specific AHAs reviewed by SSH					
SA							
쏭							
¥							
\overline{o}							
	OTHER ITEMS O	R REMARKS					
ER	Other personnel p	oresent at meeting: Adam Berry (Rad Supervisor, T	tEC)				
OTHER							
			Elizabeth Binning			8/4/2010 DATE	

Site Clearing and Demolition

Date: 8/4/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
	1		1		

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/4/2010

Shoreline Excavation and Revetment

8/4/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L

Requirement	Phase	Yes	No	N/A	Comments
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment? Have the quantities of all materials placed within the section been	Follow up Follow				
accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/4/2010



Photo 1: Site Clearing and Demolition – Moving demolished fence from northeast top of revetment to the rad bin area for disposal.

Photographed by: Elizabeth Binning (ERRG, Inc.)



Photo 2: Shoreline Excavation and Revetment – Separation of the top bolt in the silt curtain.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 4, 2010



Date: August 4, 2010



Photo 3: Shoreline Excavation and Revetment – Repair of the silt curtain separation.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 4, 2010

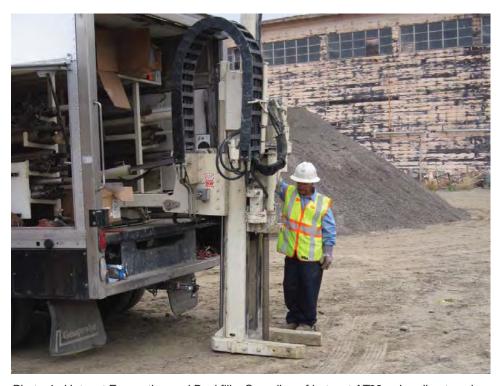


Photo 4: Hotspot Excavation and Backfill – Sampling of hotspot AT22 using direct push drill rig.

Photographed by: Tanner Bennett (ERRG, Inc.)



Date: August 4, 2010



Photo 5: Hotspot Excavation and Backfill – Grouting of borehole locations after sample collection.

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 4, 2010



	CC		RODUCTION RE	EPORT		DATE 05/A	UG/1	0
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO	036	3
CONTRACTOR	Engineering	Remediation Resource	s Group Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER _		Tromodiation recognition	PM WEATHER	N 4:1 1		MAX TEMP (F)	MI	N TEMP (F)
F	oggy, Cool		Mostly Su			68		53
Schedule				ORMED TODAY				
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
04,09	Crew working or	collecting samples at hot spot	areas- BA22 and BG31	ERRG		Superintendent		0
				ERRG		Construction Manager		0
				ERRG	1	Project Manager		4
				ERRG	1	QC Manager		2
				RSI ERRG	1	Tech Lead H&S Officer		0 8
				ERRG	2	QC Staff		16
				ERRG		Equipment Operators		0
				ERRG		Laborers		0
				ERRG		Truck Drivers		0
				Tetra Tech	3	Rad Techs		24
JO		WAS A JOB SAFETY MEETING		■ YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		54
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		5317.5
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	WORK/ HAZMAT WORK DONE .)	E? YES	■ NO	REPORT TOTAL WORK HOURS FROM	1	
(If YES attach des		STE RELEASED INTO THE ENtrans and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		5371.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		■ SAFETY REQUIREMEN	NTS HA	VE BEEN MET.
04,09	Tailgate safety b	riefing, equipment inspections,	crew members required to don F	PDF's within 50' of the water	r			
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA I	TED IN JOB (INDICATE SCHEE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received					
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used
	Harris Blade	4K water truck						0
	ERRG	JD 200CLC Excavator						0
	Harris Blade	Cat 950 Loader						0
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	+						12
	SCS Tracer Harris Blade	Air Monitoring Skids- 2skids Cat 322 Long Reach						48 0
	United Rentals	Takehuchi skidsteer loader						0
Schedule	REMARKS	Takendon skusteer loader						- U
Activity No.								
	<u> </u>					0/=/40		
			<u>Ja</u>	mes Nores CONTRACTOR/SUPERIN	TENDENT	8/5/10 DATE		

4296/2 (9/98) SHEET 1 OF 1

	CO		RODUCTION RE	EPORT		DATE 05/AUG	/10
CONTRACT NO N62473-0	09-D-2608	ations at HPS, SF	REPORT NO 036	cont.			
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores	
AM WEATHER _		Tromodiation (coodings)	PM WEATHER	B 421 1		MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		Mostly Su			68	53
	1		WORK PERFO	ORMED TODAY	1	i	_
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
							_
	1.					TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEETS	
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WORK	
WAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE	=2		HOURS FROM PREVIOUS REPORT	
(If YES attach state	ement or checklis	t showing inspection performed.	.)	YES YES	☐ NO	TOTAL WORK HOURS FROM	
		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENTS	HAVE BEEN MET.
EQUIPMENT/MAT Schedule	I	1	ATED IN JOB (INDICATE SCHEI	DULE ACTIVITY NUMBER)			
Activity No.	Submittal #	Description of Equipment/Mat	terial Received				
CONSTRUCTION	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	Equipment Used Today (incl Make	e and Model)			Hours Used
	ERRG	JD310 Backhoe					0
	Harris Blade	Cat 735-2ea					0
	Harris Blade	2K Water Truck					0
	United Rentals	2K Water Truck					0
	Harris Blade	Cat LGP D-6 Bulldozer					0
	United Rental Harris Blade	Broce broom Sweeper Hyundai Long Reach Excava	etor.				0
	United Rentals	Light Towers (3ea)					0
Schedule Activity No.	REMARKS						
	<u>I</u>		I a	maa Naraa		8/5/10	
			<u>Ja</u>	mes Nores CONTRACTOR/SUPERIN	TENDENT	DATE	_

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-26	80
DATE 8/5/	16 TIME	0600 PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	BI, PARCER B	HOTSPOTS		
TYPE OF WORK		IPRAP (1 TRUGE)		
	CAFE	TY TOPICS PRESENTED		
SAFETY TOPICS	27.2.20	ATION, STYF, EYE WASH	96005	
PROTECTIVE CLOTHING		Hardhat, safety glasses w/side shields		sleeves,
long pants, st		s and PFD (personal flotation device) a		
_				
CHEMICAL HAZARDS	Potential for low level rad	diation		
PHYSICAL HAZARDS	UNIOUN SUPPACES			
- American American				
EMERGENCY PROCEDU	RES Employee to	report any injury to Supervisor; Super	visor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/ 415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Fra	ancisco, CA 941124		
SPECIAL EQUIPMENT		None		
NOTE:				
		ATTENDEES		
William She	0)	COMPANY EPPC	WILL SIGNATURE	
Tanner Benne		ERRG	Tunne Bent	
Adha Ber		Ter	a	2
Sharon Gull		NWT	The Steel	<u> </u>
JOHN SOURIAL	die	ERZG		
				_
Health & Safety Officer	DICK EPP	SUPERINTE	NDENT	
CTCNATURE /	me	CICNATURE		
SIGNATURE	11/ Vmp	SIGNATURE		

DAILY FIELD ACTIVITY LOG

Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots Project No.: 29-1417 Weather: CLOWDS - CLOTHERS Page: of Site Visitors: See Tailgate Sign in Log. Description of Field Activities: Office Strong Transpir - SPF, PPE, expansive, communications Company Het Spots & communication Are MANNITORS.	Prepared by:	Richard Epp	Client:	Dept of the N	avy	
Weather: CLOUDY - CLOTHERY Page: Of I Site Visitors: See Tailgate Sign In Log. Description of Field Activities: Office Strong Transpar - SPF, PPE, expensely, communications Commung Het Spots & sourcing All Meditions.	RGDay:	THURSDAY	Date:			
Site Visitors: See Tailgate Sign in Log. Description of Field Activities: Office Satury Transpair - SPF, PPE, expouns & communications Company Her Spots & sorutions are menutiones.				29-141		_
Description of Field Activities: 0600 Savory Tanggar - SPF, PPE, oyourse, communyoffers Company Het Spots & sourcing Mr. Menutions.		See Tailante Sign la Lag	Page:		01	
OBOO SAASTY TANGART - STE, PPE, OYOUNSE, COMMUNYOFFICES CAMPAINTY HOT SPOTS & SOTENICING ARE MENUTORS.						_
Company Het Spots & sorevicing Asp Asserting						_
	0600 Sm	evry TALGART - SPF, PPE, OYO	wose, co	MIN VIVY CHTT	e/5	_
Signed: Mylapp Date: P/s/ro	Company	HOT SPOTS & SORVICING APR	MENITOR	£.		=
Signed: MMay Date: P/sJro	-					_
Signed: Mylapp Date: P/s/ro						
Signed: Molegy Date: P/s/ro						_
Signed: Mflagge Date: 8-/5/ro						
Signed: Mylapp Date: 8-/s/ro						_
Signed: MMlapp Date: 8/5/ro	c					
Signed: Mylyy Date: 8/5/ro						
Signed: Mylyp Date: 8/5/ro						
Signed: MMCpp Date: 8/5/ro	-					-
Signed: Mylyp Date: 8/5/ro						
Signed: M/Cyp Date: 8/5/ro						-
Signed: M/lapp Date: 8/5/ro						
Signed: Mylagy Date: 8/5/ro	-					-
Signed: M/Gyp Date: 8/5/ro						
	Signed:	Myly	Date:	8/5/1	0	



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August 5, 2010 ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-075). A total of 36 pieces were surveyed. In addition, 36 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- Base-wide radiological personnel provided an RCT to provide coverage to ERRG's chemical sampling team within the former sample location BA22 area located in Parcel D-1. Personnel and soil samples (10) were screened prior to leaving the RCA. The gamma readings of the soil samples ranged from of 3.51Kcpm to 3.84Kcpm. No activity above release limits was detected on the soil within the sample containers or on the containers themselves.

Issues/Items Pending Action

None.

		(CONTRACTOR QUALITY (ATTACH ADDITIONAL SHEI			RT		DATE REPORT		NUG/10 036	
PHASE	CONTRACT	NO	N62473-09-D-2608	CONTRACT T	RA at IR-	07 & -18 at Parce			ations a	t Parcels B,	
			RY PHASE WORK PREFORMED TODAY?		D-1, and	G; and Soil Stock	x <u>piles at Pa</u> NO ■	arcels D-1	and G, I	HPS, SF	
RY	IF YES, FILL	OUT /	AND ATTACH SUPPLEMENTAL PREPARATORY I	PHASE CHECKLIS	ST.						
PREPARATORY		Schedule Activity No. Definable Feature of Work									
AR/											
ξEP.											
4											
	WAS INITIAL	PHAS	SE WORK PREFORMED TODAY?			YES \square	NO 🔳				
	IF YES, FILL	OUT /	AND ATTACH SUPPLEMENTAL INITIAL PHASE C	HECKLIST.		_	_				
۸L	Schedule Activity No		Definable Feature of Work							Index #	
INITIAL											
=											
	WORK COM	PLIES	WITH CONTRACT AS APPROVED DURING INITI	AL PHASE?			YES		NO 🗌		
	WORK COM	PLIES	WITH SAFETY REQUIREMENTS?				YES		NO 🗌		
	Schedule Activity No		Description of Work, Testing Performed & By Whor Section, Location and List of Personnel Present	n, Definable Featur	re of Work, Specifica	ation					
	04		Rad screening of large concrete debris from	shoreline.							
<u> </u>	09		Sampled hotspots BA22 and BG31.								
∩-W											
FOLLOW-UP											
F0.											
		IFIED	TODAY (NOT CORRECTED BY CLOSE OF BUSI	NESS)		CORRECTED TODAY	(FROM REW	ORK ITEMS I	_IST)		
Sched Activity		ription			Schedule Activity No.	Description					
REMARK	S (Also Explain	n Any	Follow-Up Phase Checklist Item From Above That V	Vas Answered "NC	l o"), Manuf. Rep On-	Site, etc.					
Sched Activity		ription									
			rtify that this report is complete and correct and								
compliance	e with the contr	ract dra	d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth B	INNING MANAGER AT SITE			3	3/5/2010 DATE	
except as	noted in this rep	юп.	GOVERNMENT QUALITY ASSURA			DAT	E			DATE	
QUALITY A	ASSURANCE	REPR	ESENTATIVE'S REMARKS AND/OR EXCEPTION								
Sched Activity		ription									
4296/2 (9/9	98)				GOVERNMENT QU	JALITY ASSURANCE	MANAGER SHEET 1			DATE	

Site Clearing and Demolition

Date: 8/5/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/5/2010

Shoreline Excavation and Revetment

8/5/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L

Requirement	Phase	Yes	No	N/A	Comments
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment? Have the quantities of all materials placed within the section been	Follow up Follow				
accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/5/2010



Photo 1: Hotspot Excavation and Backfill – Sampling of hotspot BA22 using direct push drill rig.

Photographed by: Tanner Bennett (ERRG, Inc.)

Photo 2: Hotspot Excavation and Backfill – Sampling of hotspot BA22 using direct push drill rig.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 5, 2010



Date: August 5, 2010

	CC		RODUCTION RE AL SHEETS IF NECESSARY)	PORT		DATE 06/A	UG/1	0
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	037	7
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	Ji	ames Nores		
AM WEATHER			PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
F	oggy, Cool		N/A	DMED TODAY		60		53
Schedule				DRMED TODAY	1			
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew continue v	vith revetment construction ~75'	section on the west end,	ERRG	1	Superintendent		10
		-	stall filter fabric, place filter rock	ERRG	1	Construction Manager		5
	<u>'</u>	vations, place 1/4 ton rip rap to		ERRG	1	Project Manager		5
		ts in rip rap areas identified by C ring concrete debris onto debris		ERRG ERRG	1	QC Manager Tech Lead		8
	Tech.	ing concrete debits onto debits	screening strips with retra	ERRG	1	H&S Officer		8
	10011.			ERRG	2	QC Staff		16
				ERRG	6	Equipment Operators		41.5
				ERRG	7	Laborers		27
				ERRG	4	Truck Drivers		19
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		163.5
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT		5371.5
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed	WORK/ HAZMAT WORK DONE .)	YES	■ NO	TOTAL WORK HOURS FROM	1	
(If YES attach des		STE RELEASED INTO THE EN t and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		5535
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	oriefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r			
Schedule	ERIAL RECEIVE Submittal #	D TODAY TO BE INCORPORA Description of Equipment/Mat	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER;)			
Activity No.								
CONOTRUCTION	AND DI ANT FO	UIDMENT ON TOP OFFE TOPA	V	ID COLUED III E A OTIVITA				
	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.		ı	
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48 12
	Rental Solutions SCS Tracer	25KW Generator-1ea Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS	ı						
	l			Nicor		0/0/40		
				mes Nores CONTRACTOR/SUPERIN	TENDENT	8/6/10 DATE		

4296/2 (9/98) SHEET 1 OF 1

	CC		RODUCTION RE	PORT		DATE 06/AUG	3/10
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at	t Parcels D-1 and G,		REPORT NO 037	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	.1:	ames Nores	
AM WEATHER		Tromodiation resources	PM WEATHER			MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		N/A			60	53
	1		WORK PERFO	ORMED TODAY	1	i	_
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
			O LIELD THIS DATES			TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEET	s
SAFE		WERE THERE ANY LOST TIME		YES	□ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS	
WAS CRANE/MAN	NLIFT/TRENCHIN	IG/SCAFFOLD/HV ELEC/HIGH	I WORK/ HAZMAT WORK DONE			REPORT	
,		t showing inspection performed.	,	YES	☐ NO	TOTAL WORK HOURS FROM	
		ASTE RELEASED INTO THE ENtransition to the state of the s	NVIRONMENT?	YES	□ NO	START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED	D		SAFETY REQUIREMENTS	HAVE BEEN MET.
,							
FOLUDATENT/BAAT	EDIAL DEGENE	D TODAY TO BE INCORDORA	TED IN 100 (INDIOATE COLIE	NULE A OTIVITY AUDITO			
Schedule	I	T	ATED IN JOB (INDICATE SCHED	JULE ACTIVITY NUMBER)			
Activity No.	Submittal #	Description of Equipment/Mat	terial Received				
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY N	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used
	ERRG	JD310 Backhoe					8
	Harris Blade	Cat 735-2ea					16
	Harris Blade	2K Water Truck					8
	United Rentals	2K Water Truck					8
	Harris Blade United Rental	Cat LGP D-6 Bulldozer Broce broom Sweeper					8
	Harris Blade	Cat 325 Long Reach Excavat	tor				8
	United Rentals	Light Towers (3ea)					24
Schedule Activity No.	REMARKS						•
, ,							
	•		احا	mes Nores		8/6/10	
				CONTRACTOR/SUPERIN	TENDENT	DATE	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

ITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-	D-2608
ATE 08/0	6/10 TIME	0/00 PROJECT NUM	1BER 29 - 141	
LIENT	Department of the Navy			
PECIFIC LOCATION	18-07, PARCE	RB		
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	Landing conver		east end for mone	
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AFETY TOPICS		WATER STAF, EG	WIS NEW !	
ROTECTIVE CLOTHING			shields, reflective safety vest, shirt	with sleeves,
long pants, st	eel-toed work boots. Glove	es and PFD (personal flotation d	levice) as necessary.	
HEMICAL HAZARDS	Potential for low level ra	adiation		
HYSICAL HAZARDS				
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	3555 Cesar Chavez, San F			
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Tanner Bennett		ERRE	Ten Ti Prem	4
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ealth & Safety Officer	DICK UPP	SUPE	RINTENDENT VAMO	5 16
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THE REAL PROPERTY.	1111/2 11111	3,014	MINICAL	1 22

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the N	lavy	
RGDay:	FRIDAY	Date:	8/6/10		
roject Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:			
Veather:	OVERCAST	Page:	1	of	1
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escription of Field A					
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AIR MONITORING LOG SHEET

Prepared by:

Pluce Pl Hunter's Point Parcel B IR07/18

Client: Project No .: USNAVI

Project Name: Site Location:

San Francisco, CA

Page:

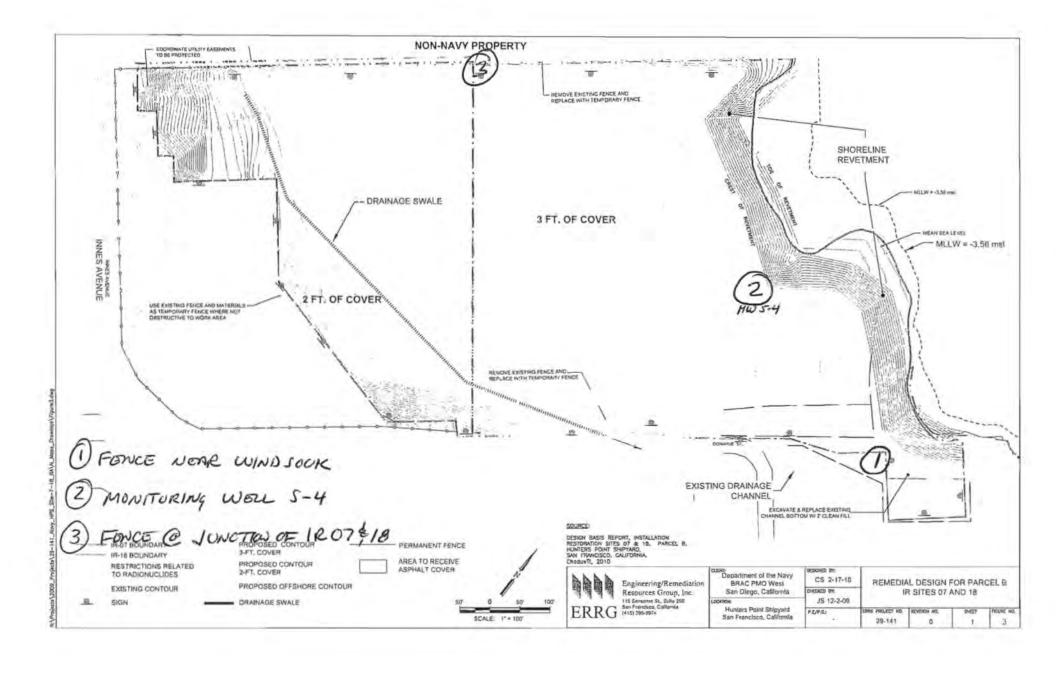
29-141 of

Calibration (Date and Time):

Standard Used:

ATIK 144

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Guards on moving parts?							N									
Engine belts and hoses							X									
fluid levels acceptable?							M									
oading/lifting capacity marked?							V									
Seat belt operative?							Ø									
ire extinguisher present?																
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Gauges operative?																
Battery charged?							D									
Vindshield wipers operative?							K									
Horn operative?							V									
Back up alarm operative?							N									
ights and signals operative?																
Steering and other controls																4
Brakes							पि									



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And Date:	8-	02	10	8	-03	-10	8	-6Y.	-100	8	50	-10	8-	6-1	Co	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
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Horn operative?	K						1						d			
Back up alarm operative?	[J.						1						R			
Lights and signals operative?	N						2						4			
Steering and other controls	D/						W						D			
Brakes	0						7						4			



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Fires and rims	Yes		N/A	Yes		N/A	Yes		N/A	Yes	No.	N/A	Yes	No	N/A	Defect(s):
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Steps and handgrips	E .			e			i i										
Guards on moving parts?	2			2			9										
Engine belts and hoses	D			2			4										
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	ul.			H	leavy	Equi	pme	nt De	fects						
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racks	X			X			X						X				
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uards on moving parts?	X			X			X						X				
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DAILY STATUS REPORT IR-07 Remedial Action

1 Report Date. Tugust 0, 2010 Lixio C10 0007 Tepater. Shanti Montgomery	Report Date: August 6, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-076 and ERRG-A-IR07-077). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-060 through ERRG-A-IR07-064. No activity above the release criteria was identified in these surveys.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALIT			RT	REPORT 06/	037	
		(ATTACH ADDITIONAL SHEETS IF NECESSARY) (ATTACH ADDITIONAL SHEETS IF NECESSAR							
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	TILE D-1. and	G; and Soil Stockpiles a	nt Parcels D-1 and G.	ar Faiceis B, HPS, SF	
	WAS P	REPARATO	RY PHASE WORK PREFORMED TODAY?	•	,	YES NO			
RY	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATOR	RY PHASE CHECKLIS	ST.				
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	WORK	COMPLIES	WITH CONTRACT AS APPROVED DURING IN	NITIAL PHASE?		Y	ES NO	1	
	WORK	COMPLIES	WITH SAFETY REQUIREMENTS?				ES NO		
		nedule	Description of Work, Testing Performed & By W	hom, Definable Featur	e of Work, Specific				
		vity No.	Section, Location and List of Personnel Present						
		02	Verified that activities performed conform	ned to the site cleari	ing				
_		03	Started and completed shoreline revetme	ent on section CB1L	. (lower portion of	f the first section (approxima	ately 75 feet) between cr	oss sections C	
FOLLOW-UP			and B), verified that activities performed of	conformed to the sh	oreline excavatio	n and revetment checklist.			
×c		04	Rad screening of large concrete debris fr	om shoreline, unloa	aded and spread	spoils from shoreline excav	ation on rad screening	oad.	
Ľ									
Б									
REWORK	ITEMS I	DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BI	JSINESS)	REWORK ITEMS	CORRECTED TODAY (FROM F	REWORK ITEMS LIST)		
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Activity		Description							
			rtify that this report is complete and correct and						
			d work performed during this reporting period is in awings and specifications to the best of my knowledg		Spencer Slo			8/6/10	
except as	noted in t	his report.		А	UTHORIZED QC N	MANAGER AT SITE		DATE	
			GOVERNMENT QUALITY ASSU			DATE			
QUALITY A Sched	ulo I		RESENTATIVE'S REMARKS AND/OR EXCEPTI	ONS TO THE REPOR	T				
Activity		Description							
4296/2 (9/9	98)			-	GOVERNMENT QU	JALITY ASSURANCE MANAGE	ER EET 1 OF 1	DATE	
72001Z (3/S	,,,					SHE	101 1		

Site Clearing and Demolition

Date: 8/6/2010
Inspector: Spencer Slominski
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments			
Field Inspection								
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	x			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).			
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.			
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.			
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010			
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X						
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X						
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.			
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X						
Is the spread of dust and debris prevented to avoid the creation of a	Follow up	X						
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).			
	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.			
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project			
Receivables								

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Spencer Slominski	8/6/2010

Shoreline Excavation and Revetment

8/6/2010 Date:

Inspector: Spencer Slominski
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments			
Field Inspection								
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X						
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X						
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.			
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010			
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.			
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L			
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L			
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L			
Has the prepared base been approved by the Contracting Officer?	Follow up			X				

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	Λ			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				•
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L

Requirement	Phase	Yes	No	N/A	Comments
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Spencer Slominski	8/6/2010



Photo 1: Shoreline Excavation and Revetment – Installation of geotextile in section CB1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.)

Date: August 6, 2010



Photo 2: Shoreline Excavation and Revetment – Completed riprap along lower portion of the shoreline between sections E and C.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.)

Date: August 6, 2010





Photo 3: Shoreline Excavation and Revetment – Filling in of low spots in the revetment near section F.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.)

Date: August 6, 2010



Photo 4: Shoreline Excavation and Revetment – Checking thickness of revetment at toe near section F.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.)

Date: August 6, 2010



	CC	NTRACTOR PF (ATTACH ADDITION)	DATE 09/AUG/10							
CONTRACT NO N62473-	09-D-2608	TITLE AND LOCATION RAP	REPORT NO 038							
CONTRACTOR	Engineering	/Remediation Resources		SUPERINTENDENT	Ji	ames Nores				
AM WEATHER			PM WEATHER Pt. Cloudy	. \\/		MAX TEMP (F)	MI	IN TEMP (F)		
F	oggy, Cool		65		53					
Schedule	WORK PERFORMED TODAY									
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS		
02,03,04	Crew continue revetment construction- start on the east end, ran out of cut ERRG 1 Superintendent									
	areas on the west end. Excavate 30' section to specified depth and slopes. ERRG 1 Construction Manager Place filter fabric, place filter rock to specified thickness, cover with 1/4 ton rip ERRG 1 Project Manager									
			0							
	<u> </u>	vorking with Tetra Tech on the de ported one load to the bldg 231 s		ERRG ERRG	1	QC Manager Tech Lead		8		
	·	the low areas identified by the		ERRG	1	H&S Officer		8		
	pidoling tip tap ii	The low areas identified by the	QO Stan.	ERRG	2	QC Staff		16		
				ERRG	6	Equipment Operators		41		
				ERRG	8	Laborers		26		
				ERRG	6	Truck Drivers		29		
				Tetra Tech	3	Rad Techs		24		
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		170		
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		5535		
		NG/SCAFFOLD/HV ELEC/HIGH st showing inspection performed.	WORK/ HAZMAT WORK DONE	? YES	■ NO	REPORT				
		ASTE RELEASED INTO THE EN it and proposed action.)	IVIRONMENT?	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		5705		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	ITS HAV	VE BEEN MET.		
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water									
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)					
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received							
		-								
CONSTRUCTION	AND PLANT EQ	UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	D SCHEDULE ACTIVITY	NUMBER.					
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used		
	Harris Blade	4K water truck						8		
	ERRG	JD 200CLC Excavator						8		
	Harris Blade	Cat 950 Loader						8		
	United Rentals	25 KW Generators- 2ea						48		
	Rental Solutions	25KW Generator-1ea						12		
	SCS Tracer	Air Monitoring Skids- 2skids						48		
	Harris Blade	Cat 322 Long Reach						8		
	United Rentals	Takehuchi skidsteer loader						8		
Schedule Activity No.	REMARKS									
				nes Nores		8/9/10				
			(CONTRACTOR/SUPERIN	TENDENT	DATE				

4296/2 (9/98) SHEET 1 OF 1

	CC	NTRACTOR PI (ATTACH ADDITION	DATE 09/AUG/10							
	09-D-2608	TITLE AND LOCATION RAP	REPORT NO 038	C	ont.					
CONTRACTOR	Engineering	/Remediation Resource	ames Nores							
AM WEATHER				MAX TEMP (F)	MIN	ITEMP (F)				
F	oggy, Cool		65		53					
0.1.1.1			WORK PERFO	ORMED TODAY	1	1				
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS		
							\rightarrow			
							-+			
							\rightarrow			
			O LIEUD TILIO DATEO			TOTAL WORK HOURS ON JOB	3			
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE				
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WOR				
WAS CRANE/MAI		(If YES attach copy of complete	ed OSHA report) WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT				
(If YES attach state	ement or checklis	t showing inspection performed	.)	YES YES	☐ NO	TOTAL WORK HOURS FROM				
		STE RELEASED INTO THE EN t and proposed action.)	NVIRONMENT?	YES	☐ NO	START OF CONSTRUCTION				
Schedule	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE									
Activity No.										
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)						
Schedule Activity No.	Submittal #	Description of Equipment/Mar	terial Received							
CONSTRUCTION	AND PLANT EQI		Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY N	NUMBER.					
Schedule	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			1	Hours Used		
Activity No.	ERRG	JD310 Backhoe		·			_	8		
	Harris Blade	Cat 735-2ea					\dashv	16		
	Harris Blade	2K Water Truck						8		
	United Rentals	2K Water Truck						8		
	Harris Blade	Cat LGP D-6 Bulldozer					\rightarrow	8		
	United Rental	Broce broom Sweeper					\rightarrow	0		
	Harris Blade	Cat 325 Long Reach Excava	tor				\rightarrow	8 24		
Schedule	United Rentals	Light Towers (3ea)								
Activity No.	REMARKS									
			Ja	mes Nores		8/9/10				
				CONTRACTOR/SUPERIN	TENDENT	DATE				

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION.	nunters Point Simpyard	CONTRACT		140-127 J-03-L	2-2000
DATE 8/9/	6 TIME	D'300 PROJECT	NUMBER 29	- 141	
CLIENT	Department of the Nav	у			
SPECIFIC LOCATION	18-07 1	ARCOL B			
TYPE OF WORK	continue	revetinen	t inns	trution	Continue
	Elminilla		net, h		n can sout
	11/0/11/19/201	X11119 00 1 701	WICE; II	in wasty	JAJO SPOR
3/12/12/22/23		ETY TOPICS PRESENTE		~	
SAFETY TOPICS	The state of the s	, TRUCKS , EGUI			77. 75. 75.
PROTECTIVE CLOTHING/		Hardhat, safety glasses v			with sleeves,
long pants, stee	el-toed work boots. Glo	ves and PFD (personal flota	ation device) as nec	cessary.	
CHEMICAL HAZARDS	Potential for low level	radiation			
PHYSICAL HAZARDS	UNIDUM GIVE	ices, waren,	MACHE KO	WANGE	
	0,000000 30.01-7.	ces, contex,	podes, 09		
EMERGENCY PROCEDURE	Employee	to report any injury to Supe	ervisor; Supervisor	notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE 911/415-64	41-6625(ER) PAR	AMEDIC PHONE	911
	555 Cesar Chavez, San				
교수가 마시하는 보다는 하다. ㅋㅋ	Jan Cesar Cravel, Sair	randiado, en sillei	Neno		
SPECIAL EQUIPMENT			None		
NOTE:					
		ATTENDEES			
NAME PRINTED	,	COMPANY		SIGNATURE	
VAMES NO	2775	FDDIS	-	James 1	Ma
Tanner Bennett		ERRG	-	Tim n	-d- 5
, William Schu	gel t	ERRG	-la	lever for	2
FIGURE VALEN	119	ERR6	Ille	and files	
PAFAFT 102	2)2	EDDE		Whist.	26.4
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11	020	CILLE	_/	Con- Or N	n
Villeyen Chi	17	OI KKE	7	10000	
C. C.	- A	Tec-	V	1	
Heather wolle	nzula	EPPE		Mis	
lealth & Safety Officer	DICK EPP		SUPERINTENDE	T PAMOL	11/pm
realth & Salety Officer	000		SOFEKINIENDE!	" (Tille)	1000
SIGNATURE	Mrs hal		SIGNATURE	Comus C	1/mg



TAILGATE SAFETY MEETING

DATE	8/9/10	TIME	PROJECT NUMBER	29-141	
	2 /		ATTENDEES		
NAME PRI	NTED		OMPANY ERACY	SIGNATURE	
Health & Safety O	Officer		SUPERINT	ENDENT	
SIGNATURE			SIGNATUR	E	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
RGDay:	MONDAY	Date:	8/9/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	
Weather:	BUNCAST	Page:	/ of
Site Visitors:	See Tailgate Sign In Log.		
Description of Field A	Activities:		
0300 THE	TALGATE - TRUCKS, NIGHT WEEK	, SAUTTONS	RADIOS
COUTINO	ON SHORUNG REVOTMONT - BOJAN AT	ENT ON	ID OF SHORDING,
ILLUA	MINITON 5 +FC IN WORK AREA	4	
ASSISTA	TOTAL TOUR WITH SHORELING RU	BALF SCA	wing.
20400	00 AUGULE FROM SHOKELINE		
REPAR	D PALLACY SCHOOL ON NOW FOULE WHORE	VALUDALS	CUT IT LOOSE, FOUCE
	NEAR SHOREINE, LARGE ENOUGH		
			ENGLE TO NOTE THAT
DUT	UAS ON NW FENCE.		
			
EQUIPME	UT IN USE : 3 WATTE TWOKS. 2 CO	wg ROACH i	EXCAVATORS SILID
	UT IN USE! 3 WATTE TWOKS, 2 LO	wg ROACH	DICAVATORS, SKID
	UT IN USE! 3 WATTE TENGES, 2 CO	wg ROACH i	EXCAVATORS, SKID
s		ш <i>д</i> ВОЛСН 1	EXCAVATORS, SKID
s	TOUR, GND LEADER, 2 DUILLE TRUCKS	ш <i>д</i> ВОЛСН I	EXCAVATORS, SKID
s	TOUR, GND LEADER, 2 DUILLE TRUCKS	Date:	8/9/10

AIR MONITORING LOG SHEET

Prepared by:

Client:

Project Name:

DICK EPP Hunter's Point Parcel B IR07/18 San Francisco, CA

Project No.:

US NOVY 29-141

Site Location:

Page:

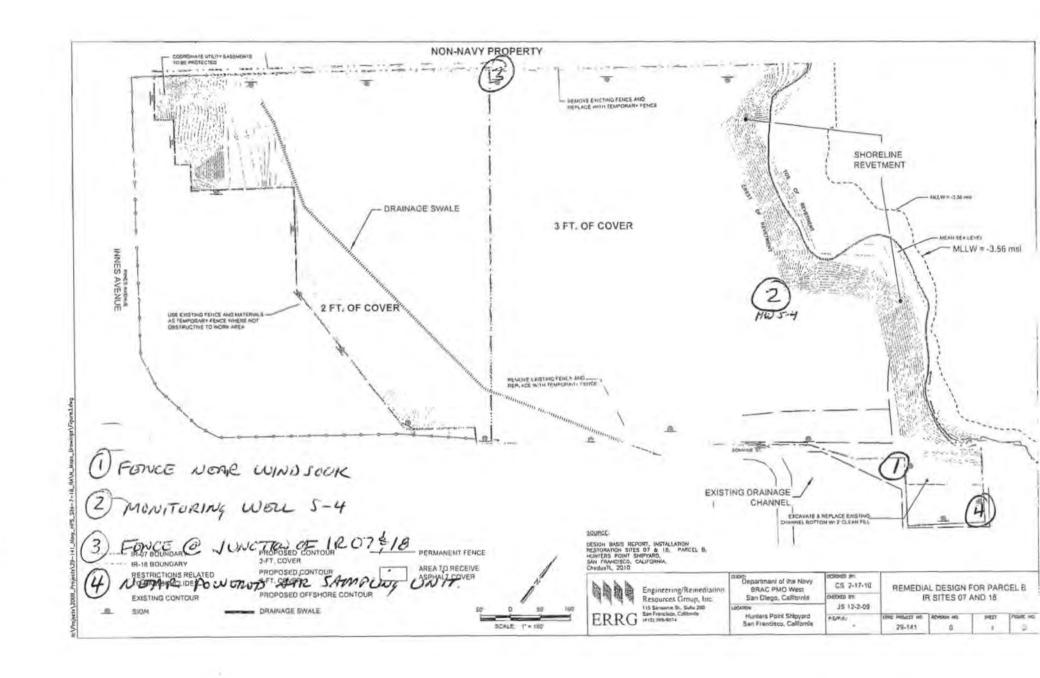
of

Calibration (Date and Time):

Standard Used:

HIR BAG

Location	Date	Time	CONC In	Strument Twa	Comme	nts db/
#3	8/9/10	0321	0.00	6.00	10973	60.4
#2	-1-1	0324	0.00	6:00	10972	63.7
#4		0337	0.013	0.013	10973	670
#4		0421	0.022	0.018	10971	66:1
#2		0426	0.000	0,000	10972	69.6
#3		8430	0.000	0.000	10977	59.9
#4		0527	0.021	0.018	10971	71.5
		0532	0.000	0.000	10972	58,2
#3		0136	0.000	0.000	10973	60.
#4		0627	0.018	0.019	10971	66.5
# 2		0633	0.000	0.000	10972	67.1
#3		0637	0.000	0.000	10973	60:7
#4	1	0728	0.019	0.018	10971	65.
#2	1	0733	6.000	6.000	10972	59.6
##	1	1818	0.015	0.018	10971	64.7
#2		0825	0.000	0.000	10972	50.1
#3		0830	01000	0.000	10973	59.7
# 4 CHARGOD BATTOPY	1	1000	0.019	0.023	10971	62.2
#3		1056	0,000	0.000	10973	60.7
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DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August 9, 2010 ERRG – CTO 0004 Prepare

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-078 through ERRG-A-IR07-081). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-065 through ERRG-A-IR07-070. No activity above the release criteria was identified in surveys ERRG-A-IR07-065, ERRG-A-IR07-067, and ERRG-A-IR07-068. For surveys ERRG-A-IR07-066, ERRG-A-IR07-069, and ERRG-A-IR07-070, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-066-027	to be designated
ERRG-A-IR07-066-034	to be designated
ERRG-A-IR07-069-030	to be designated

Daily Status Report Page 2 of 2

ERRG-A-IR07-070-021 to be designated

• To date, 1458 pieces of shoreline debris have been surveyed for free release with 74 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALI			RT	REPORT 09/	/AUG/10
			(ATTACH ADDITIONAL S	SHEETS IF NECESSAF		07 & -18 at Parcel B; S	NO	038
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	D-1, and	G; and Soil Stockpiles	at Parcels D-1 and G.	HPS. SF
	WAS PI	REPARATO	DRY PHASE WORK PREFORMED TODAY?	•	,	YES NO		
RY	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATO	RY PHASE CHECKLIS	ST.			
PREPARATORY		nedule	Definable Feature of Work					Index #
ZA]	Activ	vity No.						
ΑF								
ZE!								
ᆸ								
			SE WORK PREFORMED TODAY?			YES NO		
		nedule	AND ATTACH SUPPLEMENTAL INITIAL PHAS	SE CHECKLIST.				1
INITIAL		vity No.	Definable Feature of Work					Index #
Ę								
=								
	WORK	COMPLIES	WITH CONTRACT AS APPROVED DURING I	NITIAL PHASE?		`	YES NO	
	WORK	COMPLIES	WITH SAFETY REQUIREMENTS?			`	YES NO	
		nedule vity No.	Description of Work, Testing Performed & By V Section, Location and List of Personnel Presen	Vhom, Definable Featur	re of Work, Specific	ation		
			,					
		02	Verified that activities performed conform					
P		03	Started and completed shoreline revetm				<u> </u>	
FOLLOW-UP			northeast corner of the revetment and s					
ΓO		04	Rad screening of large concrete debris f	from shoreline, unloa	aded and spread	spoils from shoreline exca	avation on rad screening	pad.
OL								
ŭ.								
DEWORK	ITEMS I	DENTIEIER	TODAY (NOT CORRECTED BY CLOSE OF E	RI ICINIECC)	DEWORK ITEMS	CORRECTED TODAY (FROM	I DEWODK ITEMS LIST)	
Sched	ule I		•	003114E33)	Schedule	l ·	TREWORK TIEWS EIST)	
Activity	No.	Description			Activity No.	Description		
DEMA DI	2 (4) 5					0"		
Sched	اسام آ		Follow-Up Phase Checklist Item From Above T	hat Was Answered "NC)"), Manuf. Rep On-	Site, etc.		
Activity		Description						
			ertify that this report is complete and correct and					- / - / -
complianc	e with th	e contract dr	d work performed during this reporting period is in awings and specifications to the best of my knowled		Elizabeth B			8/9/10
except as	noted in t	his report.				MANAGER AT SITE		DATE
OHALITY	V C C I I D .	NICE DED	GOVERNMENT QUALITY ASSU RESENTATIVE'S REMARKS AND/OR EXCEPT			DATE		
Sched	ulo I			IONS TO THE KEPOR	. 1			
Activity	No.	Description						
				-	COVEDNIA AENT O	IALITY ACCUIDANCE MANAC	NED.	DATE
4296/2 (9/9	98)				GOVERNIVIENT QU	JALITY ASSURANCE MANAG SH	IEET 1 OF 1	DATE

Site Clearing and Demolition

Date: 8/9/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/9/2010

Shoreline Excavation and Revetment

8/9/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	Λ			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				•
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L

Requirement	Phase	Yes	No	N/A	Comments
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/9/2010

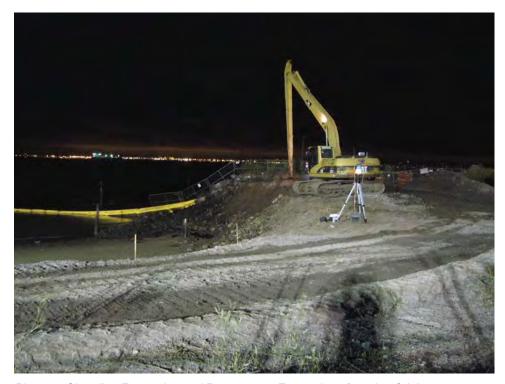


Photo 1: Shoreline Excavation and Revetment – Excavation of section OJ1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 9, 2010



Photo 2: Shoreline Excavation and Revetment – Excavation of section OJ1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 9, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of geotextile in section OJ1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett(ERRG, Inc.)

Date: August 9, 2010



Photo 4: Shoreline Excavation and Revetment – Installation of filter rock in section OJ1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 9, 2010



	DATE 10/A	UG/10)						
CONTRACT NO N62473-0	09-D-2608	(ATTACH ADDITION) TITLE AND LOCATION RA Parcels B, D-1, and	REPORT NO 039						
CONTRACTOR	Engineering	Remediation Resources	s Group, Inc	SUPERINTENDENT	Ji	ames Nores			
AM WEATHER _		Tromodiation recourses	PM WEATHER	. 10/		MAX TEMP (F)	MIN	TEMP (F)	
F	oggy, Cool		Pt. Cloudy			65		53	
Schedule				DRMED TODAY	1				
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS	
02,03,04		vorking on shoreline revetment of		ERRG	1	Superintendent		10	
	· ·	o' section, excavate to specified		ERRG	1	Construction Manager		2	
		e filter rock and then cap with rip		ERRG	1	Project Manager		0	
		lling low areas of rip rap identifie ebris screening strips with Tetra	•	ERRG ERRG	1	QC Manager Tech Lead		8	
		g out cleared concrete (5 loads)		ERRG	1	H&S Officer		8	
		acing new pieces of debris to be		ERRG	2	QC Staff		16	
	fence to the eas	t of shoreline.	·	ERRG	6	Equipment Operators		41	
				ERRG	8	Laborers		29	
				ERRG	5	Truck Drivers		26	
				Tetra Tech	3	Rad Techs		24	
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		172	
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of completed		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	RK	5705	
(If YES attach state	ement or checklis	t showing inspection performed.	,	? YES	■ NO	TOTAL WORK HOURS FROM	ı	5077	
(If YES attach des	ARDOUS MATERIALWASTE RELEASED INTO THE ENVIRONMENT? THE ENVIRONMENT? YES NO START OF CONSTRUCTION 587								
Schedule Activity No.									
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water								
EQUIDMENT AAT	EDIAL DEGENIE	D TODAY TO BE WOODBOD	TED IN IOD (NIDIOATE OCUED	N. W. E. A. O.T. W. W. A. W. M. D. E. D.					
Schedule	I	1	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)					
Activity No.	Submittal # Description of Equipment/Material Received								
03	010 10 rolls Terra Tex EP filter fabric								
CONSTRUCTION	AND PLANT EQI	<u> </u> UIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY I	NUMBER.				
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used	
	Harris Blade	4K water truck						8	
	ERRG	JD 200CLC Excavator						8	
	Harris Blade	Cat 950 Loader						8	
	United Rentals	25 KW Generators- 2ea						48	
	Rental Solutions	25KW Generator-1ea						12	
	SCS Tracer	Air Monitoring Skids- 2skids						48	
	Harris Blade	Cat 322 Long Reach						8	
	United Rentals	Takehuchi skidsteer loader						8	
Schedule Activity No.	REMARKS								
	1		la.	mac Narca		8/10/10	1		
				mes Nores CONTRACTOR/SUPERIN	TENDENT	DATE			

4296/2 (9/98) SHEET 1 OF 1

	DATE 10/AL	JG/10	0					
	09-D-2608	(ATTACH ADDITION TITLE AND LOCATION RA Parcels B, D-1, and	REPORT NO 039 cont.					
CONTRACTOR	Engineering	/Remediation Resource	s Group, Inc.	SUPERINTENDENT	J	ames Nores		
AM WEATHER			PM WEATHER Pt. Cloudy	. \\/		MAX TEMP (F)	MIN	N TEMP (F)
F	oggy, Cool		65		53			
0.1.1.1			WORK PERFO	ORMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
						TOTAL WORK HOURS ON JOI	B	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE		
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WOR		
WAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT		
		t showing inspection performed		YES YES	☐ NO	TOTAL WORK HOURS FROM		
	RDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? TOTAL WORK HOURS FROM START OF CONSTRUCTION START OF CONSTRUCTION							
Schedule Activity No.								
•								
EQUIDMENT AND	EDIAL DEGENE	D TODAY TO DE MOODBOOK	ATER IN TOR (INDICATE COLUE	N. F. A OTIV (T) (A) IMPED				
Schedule	I	1	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)				
Activity No.	Submittal #	Description of Equipment/Mar	terial Received					
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY I	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)				Hours Used
	ERRG	JD310 Backhoe						8
	Harris Blade	Cat 735-2ea						16
	Harris Blade	2K Water Truck						8
	United Rentals	2K Water Truck						8
	Harris Blade							<u>8</u> 0
	United Rental Broce broom Sweeper Harris Blade Cat 325 Long Reach Excavator							8
	United Rentals Light Towers (3ea)							24
Schedule Activity No.	REMARKS							
·								
	1		la	mae Naraa		8/10/10		
			Ja	mes Nores CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE8/1	dio TIME 04	PROJECT NUMBER	29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	1R-07, PARCO	В	
TYPE OF WORK	Continue Share	, , ,	mostruction east
	Ela comple	e fill in low	posts in sidean
	THE CURITY	, minimu	Space III Figging
SAFETY TOPICS		OPICS PRESENTED	24.000
PROTECTIVE CLOTHIN		PRIFFIE, EquIN S	ds, reflective safety vest, shirt with sleeves,
	teel-toed work boots. Gloves and		
	4		
CHEMICAL HAZARDS	Potential for low level radiation		
PHYSICAL HAZARDS	UNDOW SUKFACITY	UNSEWN BIETS,	Equipment, WATTEL, ROCKS
MERGENCY PROCEDU	DES Employee to repor	t any injury to Supervisor; Sup	PHYSOL BOTH SSHO
HOSPITAL/CLINIC	St. Lukes Hospital PHOI) PARAMEDIC PHONE 911
		The State of the S	PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francisc		
SPECIAL EQUIPMENT		None	
NOTE:			
IOIE,			
		ATTENDEES	
NAME PRINTED	0	COMPANY	SIGNATURE
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MINIOUE MARTH	EE ER	RE	Tife Cleane
DAUTO HASA	<u> </u>	RRG	Dew Here
Boris, Porchil	1	res	Paris HERTIL
XOH WONDING	F16/8	MISTERRE	Most wiffer
John Bur	5	INC	Sussen
Pusser Uncus		RIS/ERRE	Romes
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Ken Mark)	FIRE	KW.
William Shu	المار	KEG	(a) (8)
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ealth & Safety Officer	D196 Emp	SUPERINT	ENDENT JAMAS NOTES
CNATURE	m Ponna	SIGNATUR	E JAMUA PILLIMO

DAILY FIELD ACTIVITY LOG

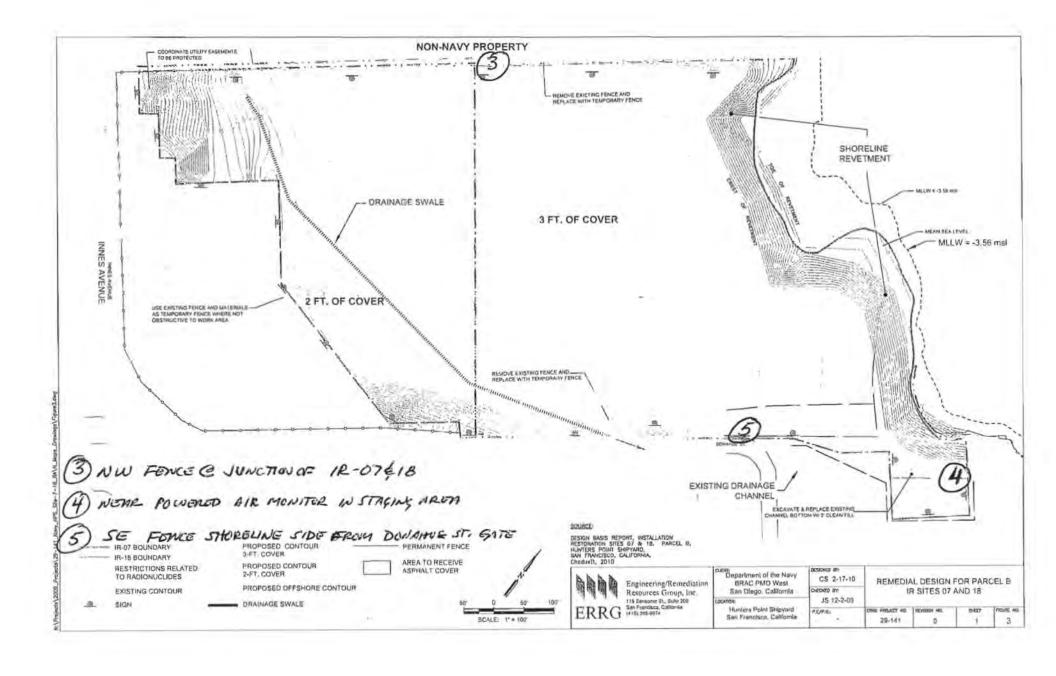
Prepared by: RGDay: Project Name: Weather: Site Visitors: Description of Field	Richard Epp Client: Dept of the Navy Date: 8/10/10 HPS Remediation Sites 7-18 Parcel B, Hotspots Project No.: 29-141 Outloon Feb See Tailgate Sign In Log. Activities:
	BILITY, SPORD.
	DE SHORELINE REVETHONT, ILLUMINATION CHEKED, 5+FC
	IR HOLES IN FENCE NOW NOAR SHORELINE & RE-ATMATIC
Swip	CONTROLS INSTRUCTO A OR REPARED AROUND SITE.
HAULI	NG SCAWNIST RUBBLE TO RECYCLE.
E QUIPM ON	IN USE; 3 CHATTOR TRUCKS, ZDUMP TOWERS Z LONG ROMEN
	ATOPS, EXCAVATOR, SKIP STOVE, OND WADON, BUILDOZER, 3 LIGHT
Signed:	M/C1999 Date: 8/10/10

AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GDP Client: US NAVY
Project Name: Hunter's Point Parcel B IR07/18 Project No.: 29-141
Site Location: San Francisco, CA Page: I of Calibration (Date and Time): 9/2/10 Standard Used: MR BAC

Location	Date	Time	COWC Ins	strument Toua	Comme	dBA
#4	8/10/10	0420	0.028	0.030	10971	64.2
# X 5'	1	0430	0.000	1 00.5	10972	69.0
#3		0443	0.003	0.014	16973	62.4
44		0575	0.026	0:039	10971	70.4
#5		0625	0.001	6.003	10972	55.8
#3		0635	0.010	0.007	10973	61.9
#4		0758	0.037	0.034	10971	71.8
# 5		0812	0.000	0.002	10972	57.3
#3		0820	0.000	0.005	10973	62.1
#4		0946	6.022	0.035	10971	64.1
# 5		0953	0.000	0.002	10972	57.1
#3		0957	0.001	0.003	10973	62.4
# 5		1110	0.000	0.001	10972	69.9
#3	1	1116	6.600	0.002	10973	62.2
#4 BATTON DOND		1140	00		10971	67.3
#3		1207	0.000	0,001	10973	62.1
#5		1213	0.000	0.000	10972	66.8
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DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August 10, 2010 ERRG – C1O 0004 Preparer: Shar	Report Date: August 10, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-082 through ERRG-A-IR07-084). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-071 through ERRG-A-IR07-073. No activity above the release criteria was identified in surveys ERRG-A-IR07-071 and ERRG-A-IR07-072. For survey ERRG-A-IR07-073, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u>	LLRW Bin #
ERRG-A-IR07-073-020	to be designated
ERRG-A-IR07-073-021	to be designated
ERRG-A-IR07-073-024	to be designated
ERRG-A-IR07-073-030	to be designated

_Daily Status Report Page 2 of 2

ERRG-A-IR07-073-036 to be designated

• To date, 1512 pieces of shoreline debris have been surveyed for free release with 79 pieces not meeting the free release criteria and will be disposed of as LLRW

Issues/Items Pending Action

• None.

Air Sample ID #									Init	ial Airborne C	oncentratio		
							Air Sampler	Sample Vol.	Activity in	Activity in	% DAC	% DAC	
Sample Prefix #	Date	Sample #	Location	Description	Start Time	Stop Time	ID	in mL	μCi/ml α	μCi/ml βγ	Alpha	Beta	Counter ID #
HPS-PAR-B-AS-	6/23/10	10850	IR07	Upwind	7:30	15:30	2074	2.88E+07	3.44E-13	4.56E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/23/10	10851	IR07	Downwind	7:30	15:30	2686	2.88E+07	3.52E-13	4.51E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/24/10	10860	IR07	Upwind	7:20	15:30	2074	2.94E+07	1.90E-14	5.82E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/24/10	10861	IR07	Downwind	7:20	15:30	2686	2.94E+07	1.95E-13	1.97E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/25/10	10867	IR07	Upwind	7:15	15:30	2074	2.97E+07	6.06E-13	6.92E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/25/10	10868	IR07	Downwind	7:15	15:30	2686	2.97E+07	4.85E-13	6.22E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/28/10	10872	IR07	Upwind	7:07	15:25	2074	2.99E+07	6.47E-13	7.17E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/28/10	10873	IR07	Downwind	7:07	15:25	2686	2.99E+07	7.94E-13	9.02E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/29/10	10879	IR07	Upwind	7:12	15:25	2074	2.96E+07	3.08E-13	3.80E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/29/10	10880	IR07	Downwind	7:12	15:25	2686	2.96E+07	2.73E-13	2.69E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/30/10	10888	IR07	Upwind	7:13	15:13	2074	2.88E+07	1.55E-13	2.38E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	6/30/10	10889	IR07	Downwind	7:13	15:13	2686	2.88E+07	1.44E-13	1.66E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/1/10	10896	IR07	Downwind	7:20	15:20	2686	2.88E+07	1.68E-13	2.28E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/1/10	10897	IR07	Upwind	7:20	15:20	2074	2.88E+07	2.03E-13	2.70E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/2/10	10901	IR07	Downwind	7:00	15:30	2686	3.06E+07	9.44E-14	1.47E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/2/10	10902	IR07	Upwind	7:00	15:30	2074	3.06E+07	1.39E-13	1.90E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/6/10	10908	IR07	Upwind	7:00	15:00	6228	2.88E+07	3.21E-13	3.85E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/6/10	10909	IR07	Downwind	7:00	15:00	6227	2.88E+07	4.93E-13	5.82E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/7/10	10913	IR07	Upwind	7:30	15:00	6227	2.70E+07	4.46E-14	4.50E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/7/10	10914	IR07	Downwind	7:30	15:00	6228	2.70E+07	2.79E-14	3.95E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/8/10	10925	IR07	Upwind	7:10	15:00	6227	2.82E+07	2.44E-14	3.26E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/8/10	10926	IR07	Downwind	7:10	15:00	6228	2.82E+07	1.98E-14	4.34E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/9/10	10927	IR07	Downwind	7:10	15:00	6228	2.82E+07	1.98E-14	5.93E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/9/10	10928	IR07	Upwind	7:10	15:00	6227	2.82E+07	1.98E-14	4.07E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/12/10	10934	IR07	Upwind	4:00	12:30	6227	3.06E+07	1.70E-13	4.08E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/12/10	10935	IR07	Downwind	4:00	12:30	6228	3.06E+07	1.70E-13	3.13E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/13/10	10945	IR07	Downwind	4:30	14:00	6228	3.42E+07	2.35E-13	3.32E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/13/10	10946	IR07	Upwind	4:30	14:00	6227	3.42E+07	2.51E-13	3.80E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/14/10	10955	IR07	Downwind	5:00	13:30	6228	3.06E+07	4.35E-13	5.57E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/14/10	10956	IR07	Upwind	5:00	13:30	6227	3.06E+07	3.58E-13	5.35E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/15/10	10963	IR07	Upwind	5:30	15:00	6227	3.42E+07	2.47E-13	4.11E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/15/10	10964	IR07	Downwind	5:30	15:00	6228	3.42E+07	2.20E-13	4.20E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/16/10	10971	IR07	Downwind	6:15	14:30	6228	1.98E+06	2.22E-12	3.33E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/16/10	10972	IR07	Upwind	6:15	14:30	6227	1.98E+06	2.73E-12	2.99E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/21/10	10990	IR07	Upwind	1:30	10:00	6227	3.06E+07	3.02E-13	3.76E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/21/10	10991	IR07	Downwind	1:30	10:00	6228	3.06E+07	2.69E-13	3.61E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/22/10	10997	IR07	Upwind	2:15	11:30	6227	3.33E+07	4.06E-13	6.09E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/22/10	10998	IR07	Downwind	2:15	11:30	6228	3.33E+07	4.80E-14	1.02E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/23/10	11006	IR07	Upwind	2:45	11:30	6227	3.15E+07	3.19E-13	5.39E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/23/10	11007	IR07	Downwind	2:45	11:30	6228	3.15E+07	3.26E-13	5.25E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/24/10	11017	IR07	Downwind	3:15	11:30	6228	2.97E+07	4.02E-14	8.34E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/24/10	11018	IR07	Upwind	3:15	11:30	6227	2.97E+07	3.26E-14	8.84E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/25/10	11019	IR07	Upwind	4:00	12:30	6227	3.06E+07	5.37E-14	6.63E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/25/10	11020	IR07	Downwind	4:00	12:30	6228	3.06E+07	9.79E-14	1.08E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/26/10	11022	IR07	Upwind	4:15	12:30	6227	5.61E+07	1.12E-13	1.73E-13	<10%	<10%	Protean WPC 9550 - 0615068

HPS-PAR-B-AS-	7/26/10	11023	IR07	Downwind	4:15	12:30	6228	5.61E+07	9.56E-14	9.34E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/27/10	11033	IR07	Upwind	5:15	14:00	6227	5.95E+07	9.31E-14	1.87E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/27/10	11034	IR07	Downwind	5:15	14:00	6228	5.95E+07	8.75E-14	1.16E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/28/10	11042	IR07	Downwind	5:20	14:00	6228	5.89E+07	1.57E-13	2.04E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/28/10	11043	IR07	Upwind	5:15	14:00	6227	5.95E+07	1.10E-13	1.38E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/28/10	11051	IR07	Downwind	6:35	14:00	6228	7.56E+08	6.15E-15	9.94E-15	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	7/28/10	11052	IR07	Upwind	6:35	14:00	6227	7.56E+08	8.53E-15	1.04E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/2/10	11079	IR07	Downwind	6:30	14:00	6228	5.10E+07	2.05E-14	2.12E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/2/10	11080	IR07	Upwind	6:30	14:00	6227	5.10E+07	1.02E-14	2.12E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/3/10	11090	IR07	Upwind	6:30	14:00	6227	5.10E+07	1.02E-14	2.12E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/3/10	11091	IR07	Downwind	6:30	14:00	6228	5.10E+07	1.02E-14	2.12E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/4/10	11101	IR07	Upwind	6:30	14:00	6227	5.10E+07	1.88E-14	2.03E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/4/10	11102	IR07	Downwind	6:30	14:00	6228	5.10E+07	9.94E-15	2.03E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/6/10	11124	IR07	Upwind	1:30	10:30	6227	6.12E+07	1.55E-14	1.69E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/6/10	11125	IR07	Downwind	1:30	10:30	6228	6.12E+07	8.14E-15	1.69E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/9/10	11135	IR07	Upwind	3:15	12:30	6227	6.29E+07	5.09E-14	1.02E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/9/10	11136	IR07	Downwind	3:20	12:30	6228	6.23E+07	6.94E-14	1.18E-13	<10%	<10%	Protean WPC 9550 - 0615068

		(CONTRACTOR QUALITY			RT	DATE 1(/AUG/10				
BUAGE	001177407		(ATTACH ADDITIONAL SHE		RA at IR-	07 & -18 at Parcel B; Soil H	NO lotspot Locations	039 s at Parcels B,				
PHASE			N62473-09-D-2608	CONTRACT T		G; and Soil Stockpiles at Pa						
>			RY PHASE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL PREPARATORY I		2T	YES NO						
PREPARATORY	Schedu		Definable Feature of Work	FIAGE OFFICIALIC) i .			Index#				
ZAT	Activity N	No.	Definable i Galdie of Work					muex #				
PA												
RE												
1												
	WAS INITIA	L PHAS	SE WORK PREFORMED TODAY?			YES NO						
	IF YES, FILI	-	AND ATTACH SUPPLEMENTAL INITIAL PHASE C	HECKLIST.				1				
ΙÞΓ		ctivity No. Definable Feature of Work										
INITIAL												
_												
	WORK COM	ЛPLIES	WITH CONTRACT AS APPROVED DURING INITI	AL PHASE?		YES	■ NO □]				
	WORK COM	//PLIES	WITH SAFETY REQUIREMENTS?			YES	■ NO □	_				
	Schedu Activity		Description of Work, Testing Performed & By Whor Section, Location and List of Personnel Present	n, Definable Featu	re of Work, Specific	eation						
	02		Verified that activities performed conformed	to the site clear	ing and demolitic	on checklist.						
0	03		Started and completed shoreline revetment				50 feet) between s	ection J and				
FOLLOW-UP		section I), verified that activities performed conformed to the shoreline excavation and revetment checklist.										
o-	04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231,										
0L1		unloaded and spread spoils from shoreline excavation on rad screening pad.										
Ĭ.												
					I							
REWORK Sched	lulo I	cription	TODAY (NOT CORRECTED BY CLOSE OF BUSI	NESS)	Schedule	CORRECTED TODAY (FROM REW Description	ORK ITEMS LIST)					
Activity	No.	cription			Activity No.	Description						
REMARK	S (Also Expla	ain Any	Follow-Up Phase Checklist Item From Above That V	Was Answered "NO	D"), Manuf. Rep On-	-Site, etc.						
Sched Activity		cription										
	The	e over	night security guard entered the RCA to	turn on one of t	the flood lights	during the night. Discussed w	rith the security ca	ptain that this				
	wa	s com	pletely unacceptable and violated our c	contract with th	em. In the futu	re, any security personnel for	ound entering the	RCA again will be				
			tely terminated from the project.	-4 -1-14 41								
	AT	ioie w	as found cut in the fence on the northwes	st side of the pi	roperty. The vai	ndalized portion of the fence	was repaired and	securea.				
On behalf	of the contrac	etor. I cer	rtify that this report is complete and correct and									
equipmen	t and material	used and	d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth B	inning		8/10/10				
	noted in this re					MANAGER AT SITE		DATE				
OLIALITY	ASSI IDANICI	E DEDD	GOVERNMENT QUALITY ASSURATES AND/OR EXCEPTION			DATE						
Sched	lule Des	cription	RESERVATIVES REIMARING AND/OR EXCEPTION	O TO THE REPUR								
Activity	No.											
				-	GOVERNMENT OF	UALITY ASSURANCE MANAGER		DATE				
4296/2 (9/9	98)					SHEET	1 OF 1	2				

Site Clearing and Demolition

Date:	8/10/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/10/2010

Shoreline Excavation and Revetment

8/10/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				•
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JIIL

Requirement	Phase	Yes	No	N/A	Comments
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the riprap submittal.
Calibration	†			X	

QC Manager:	Date:
Elizabeth Binning	8/10/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section J11L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 10, 2010



Photo 2: Shoreline Excavation and Revetment – Excavation of section JI1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 10, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of geotextile in section JI1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 10, 2010



Photo 4: Shoreline Excavation and Revetment – Installation of riprap in toe of sections OJ1L and JI1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)



Date: August 10, 2010

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 11/AUG/10		
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles at			REPORT NO	040)
CONTRACTOR	Engineering	/Remediation Resources	s Group, Inc	SUPERINTENDENT	Ji	ames Nores		
AM WEATHER _		Tromodiation recognises	PM WEATHER	. 10/		MAX TEMP (F)	MI	N TEMP (F)
F	oggy, Cool		Pt. Cloudy			65		53
Schedule				DRMED TODAY	1			
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Crew continue v	vorking on shoreline revetment of	construction on the east end	ERRG	1	Superintendent		10
		ction to specified grade lines and		ERRG	1	Construction Manager		2
		top with 1/4 ton rip rap. Crew fil		ERRG	1	Project Manager		0
	· · ·	by QC staff. Crew working with flipping, loading out and placing		ERRG ERRG	1 1	QC Manager Tech Lead		8 10
		d concrete out to the B231 stock		ERRG	1	H&S Officer		8
		ormer rad pad material- 7 loads		ERRG	1	QC Staff		8
		near the former pickling tank. Te		ERRG	5	Equipment Operators		39
	from the rad pac	d material that was screened with	h the towed array.	ERRG	6	Laborers		14
				ERRG	5	Truck Drivers		27
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		147
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	RK	5877
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.) TOTAL WORK HOURS FROM						0004		
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.) START OF CONSTRUCTION						6024		
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
	ERIAL RECEIVE I	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal # Description of Equipment/Material Received							
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY I	NUMBER.			
Schedule Activity No.	Owner	Description of Construction Ed	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions							12
	SCS Tracer	Air Monitoring Skids- 2skids						48 8
	Harris Blade	Cat 322 Long Reach Takehuchi skidsteer loader						8
Schedule	United Rentals REMARKS	Takeriuchi skiusteer loader						0
Activity No.	IKLWAKKS							
				mes Nores CONTRACTOR/SUPERIN	TENDENT	8/11/10 DATE)	

4296/2 (9/98) SHEET 1 OF 1

	DATE 11/AUG/10							
	73-09-D-2608 Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF					REPORT NO 04	0 c	ont.
CONTRACTOR	Engineering	/Remediation Resources	Group, Inc.	SUPERINTENDENT	J:	ames Nores		
AM WEATHER			PM WEATHER	, Morm		MAX TEMP (F)	MI	N TEMP (F)
Г	oggy, Cool		Pt. Cloudy	ORMED TODAY		65		53
Schedule								
Activity No.		WORK LOCATION AND DES	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
					-			
					1			
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting		YES	□ NO	TOTAL WORK HOURS ON J SITE, THIS DATE, INCL CON'T SH		
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of completed		YES	□ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT		
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.		? YES	□ NO	REPORT	$\overline{}$	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)								
Schedule Activity No.								VE BEEN MET.
Houvity 140.								
Schedule	ERIAL RECEIVE Submittal #	D TODAY TO BE INCORPORA Description of Equipment/Mate		DULE ACTIVITY NUMBER)				
Activity No.	Gubilittai II	Decomption of Equipment make	mai reconved					
CONSTRUCTION	AND DI ANT EOI	JIPMENT ON JOB SITE TODAY	/ INDICATE HOURS USED AN	ID SCHEDI II E ACTIVITY N	IIIMRED			
Schedule	İ	1			IOWIDEIX.		1	l
Activity No.	Owner	•	uipment Used Today (incl Make	and Model)				Hours Used
	ERRG	JD310 Backhoe						8
	Harris Blade Harris Blade	Cat 735-2ea 2K Water Truck						16 8
	United Rentals	2K Water Truck						8
	Harris Blade	Cat LGP D-6 Bulldozer						8
	United Rental	Broce broom Sweeper						0
	Harris Blade	Cat 325 Long Reach Excavate	or					8
	United Rentals	Light Towers (3ea)						24
Schedule Activity No.	REMARKS							
			lar	mes Nores		8/11/1	0	
				CONTRACTOR/SUPERINT	ENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D-2608
DATE 3/11/2	O TIME D	PROJECT NUMB	ER 29 - 141
CLIENT	Department of the Navy		
SPECIFIC LOCATION	11-07 +18	PAUCE B	
TYPE OF WORK	KercEMENT	construction	Console Debris Removal
	Vebris Scree	ening Strips	- Flipping conside / land or
	SAFETY	TOPICS PRESENTED	
SAFETY TOPICS	SPURD, DUST CON	TROL, TRAPTIC	
PROTECTIVE CLOTHIN	G/EQUIPMENT Hatel-toed work boots. Gloves a		hields, reflective safety vest, shirt with sleeves,
iong pants, s	teer-toed work boots. Gloves a	nd Pro (personal notation dev	nce) as necessary.
Sec. of States			
CHEMICAL HAZARDS	Potential for low level radia		
PHYSICAL HAZARDS	DIJEVEN SURFACE	ES, Equipment,	Rocks
EMERGENCY PROCEDU	RES Employee to re	port any injury to Supervisor;	Supervisor notify SSHO
HOSPITAL/CLINIC			(ER) PARAMEDIC PHONE 911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Franc		
SPECIAL EQUIPMENT		Non	e
NOTE:			
STREET, TO STREET, STR		ATTENDEES	
RUSSELL UNC	KSOU H	COMPANY GRRISIERE	Ruses base
Kai-Heyli 1	1	Reno	KIZA II
Boris Portal	<u> </u>	RRG	Bon tseellle
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Janner Benner	11	PRRG	TENDO JE
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Heather Wol	leniburg	END	- En
I Klyn	1103	Ruin	of Ries
The party			0/
			ALAMA I II
lealth & Safety Officer	- Control of the cont	SUPERI	INTENDENT
e carichae	221		me Comis A // h

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy		
RGDay:	WEDNOS PAY	Date:	8/4/10		
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141		
Weather:	FOG, MUT	Page:	/ of		
Site Visitors:	See Tailgate Sign In Log.				
Description of Field A					
0500 SAFE	THY TRINGATE - DUST CONTREL, SPUTE	D, THE	ıė.		
VISIBLE	MIST IN ALL - DERLYOD PUTTING OR	T DATA	RAMS UNTIL HTTER GAM		
CONTINU ARE	OD SHORDING REVOTMENT, ILL	MINATION	5+Fc in work		
HAULING	PEA GRAVER TO TETRATORY				
	TECH PEVIEWED EQUIPHENT GOIN;	OFF-CITE	PROCEDURE WITH		
ASSISTE	D THINA THEN WITH RUBBLE SI	ANNING.			
TOTAL	TICH MARRING ABORS OF CONCORN ON	SCANNEL	SAUL FREM		
	PORELING BEXEAUNTIAN,				
NOTHE	ic, predicted by Night This WECULLT	y GUHRO			
the second secon	IN USE: 3 LIGHT TOWORS, 3 WATER				
Signed:	Ylepp	Date:	8/11/10		

AIR MONITORING LOG SHEET

ERRG

of

Prepared by:

Project Name:

DICK OPP
Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

8/2/10

Client:

Project No.:

Page:

US NAVY 29-141

Standard Used: AR BAG

Lanation	Data	Tiese	CONC Ins	strument Towa	Comme	
Location	Date	Time	PIU	DataRAM		dBA
MET IN THE AIR	0500	0530-				=
# 4	8/11/10	0610	0,003	0.604	10971	168:
# 5		0618	0.000	0.000	10972	69.4
# 3		8625	0.000	0.000	10973	59.0
#4		0711	0.000	0.000	10971	65.
# S		0716	0.000	0.000	10972	69.
#3		07/9	0.005	0.000	10973	61.0
#4		6830	0.000	0.000	10971	79.
#5		0 835	6.500	0.000	10972	70,
#3		0930	0.000	0000	10973	62.
# 5		1014	0.000	0.000	10972	67:
#4		1019	0.027	0.001	10971	69.5
#5		1153	6.000	6.000	10972	61.7
#3		1157	0.000	0.030	10973	62.
#4	1 7	1212	0,003	0.001	10971	67.9
# 3	- 1	1320	0.000	0.000	10973	61.1
#5		1325	1-100	0.000	10972	58.
# 4 BATTUMY DOPAD	1-1-1	1330			10971	57.
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Incident Report Form (IRF)

Type of Incident (Select at least one)						
☐ Injury/Illness ☐ Environmental/Permit Issue ☐ Restricted Duty	✓ Property Damage☐ Near Miss☐ Lost Time	☐ Re	oill/Release ecordable her			
General Information (Complete for al	l incident types)					
Preparer's Name: Richard J. Epp Date of Report: 8/11/10	Date of Incident: 8/6/10 - 8/9/10	Time of Ir	ncident: Unknown	am/pm		
Verbal Notification (Complete for all incident	dent types)					
ERRG PM/CM Notified: John Sourial	Da	ate 8/9/10	Time AM	am/pm		
Type of Activity (Provide activity being p	erformed that resulted in the incide	ent)				
Asbestos Work Confined Space Entry Construction Mgmt-Haz Waste Demolition Drilling Haz Waste Drilling-Non-Haz Waste Drum Handling Electrical Work Location of Incident (Select one) Company Premises: Field − Project/Site Name: HPS, IR-07, IR Location: Hunter's Point Naval Station, San Free In Transit − Traveling from: Conditions: (Check all that apply) Weather: Rain: ☐ Heavy ☐ Lig Visibility: ☑ Sunny ☐ Cle	ght] Snow	Site perim Pro Tut We We Wo Wo Wo Wo Wo veling to:	ner (Specify) eter fence breached during nocess Safety Managemenneling elding etlands Survey orking from Heights orking in Roadways WTP Operation 29-141 Windy Night			
Incident Investigation (Complete for	all incident types)					
Describe the Incident (Provide a brief description of the incident and how it occurred) During a perimeter fence check walk on 8/9/10 at 10:45, a hole was discovered that had been cut in the chain link fence on the northwest perimeter.						
Task Location: NW perimeter fence						
Job/Task Assignment: Daily check of the perime	eter fence					
Specific Activity the employee was engage Checking the fence	ged in when the incident occurred:					
Activity was a Routine /Task: Yes						

All equipment, materials, or chemicals the employee w	as using when the incident occurred:
Equipment Malfunction: Yes No V	
	DOOR GAVIER ANALYSIS FORM
Root Causes and Contributing Factors (COMPLETE)	ROOT CAUSE ANALYSIS FORM)
n/a	
Describe how you may have prevented this injury:	
n/a	
Witnesses (Complete for all incident types):	
Witness Information (First Witness)	Witness Information (Second Witness)
Name: Vicentte Valencia	Name: Richard Epp
Employee Number (ERRG):	Employee Number (ERRG):
Address:	Address:
City:	City:
Zip Code:Phone:	Zip Code: Phone:
I none.	i none.
Property Damage (Complete for Property Damage inci Property Damaged: Chain link fence cut Damage Description: Hole cut in fence, large enough to allow bod Estimated Amount: \$ 250	Property Owner: US Navy
Spill or Release (Complete for Environmental/Permit Is	ssue incidents only).
Describe Environmental or Permit Issue:	3 ,
Domesit Tyres	
Substance and Estimated Quantity:	
Duration of Permit Exceedence:	
Injury information (Complete for Injury/Illness incidents	s only)
If ERRG Employee injured Male \square Female \square M	lultiple Injuries/Illnesses ☐ (Add in Additional Comments below))
Employee Name:	Employee Number: DOB://
Social Security #: Telephone	e Number: Marital Status:
Address (Number, Street, City, State, Zip):	
Date of Hire:/ Occupation (Job Title):	
If FDDC Cub combination among the control of	
If ERRG Subcontractor employee injured	Compony
Employee Name: Subcontract Contract:	Company: Phone number:
Subcontract Contract.	1 HORE HUHIUCI.

Injury Type		
Allergic Reaction	Electric Shock	☐ Multiple (Specify)
Amputation	Foreign Body in eye	_ 1 \1 2/
☐ Asphyxia	Fracture	☐ Muscle Spasms
Bruise / Contusion / Abrasion	Freezing / Frost Bite	Other (Specify)
Burn (Chemical)	Headache	_ (1 3)
Burn / Scald (Heat)	☐ Hearing Loss	☐ Poisoning (Systemic)
☐ Cancer	Heat Exhaustion	☐ Puncture
Carpal Tunnel	☐ Hernia	Radiation /Effects
Concussion	☐ Infection	Strain / Sprain
Cut / Laceration	☐ Irritation to eye	Tendonitis
☐ Dermatitis	Ligament Damage	☐ Wrist Pain
Dislocation		
Distocation		
Dart of Dody Injured		
Part of Body Injured		
Abdomen	Hand(s)	Neck
Ankle(s)	Head	Nervous System
Arms (Multiple)	☐ Hip(s)	Nose
Back	Kidney	Other (Specify)
Blood	Knee(s)	_
Body System	Legs(s)	Reproductive System
Buttocks	Liver	Shoulder(s)
☐ Chest / Ribs	Lower (arms)	☐ Throat
Ear(s)	Lower (legs)	Toe(s)
☐ Elbow(s)	Lung	Upper Arm(s)
\square Eye(s)	Mind	☐ Wrist(s)
☐ Face		
☐ Finger(s)	☐ Multiple (Specify)	
☐ Foot / Feet		
Nature of Injury		
Absorption	☐ Inhalation	Overexertion
☐ Bite / Sting / Scratch	Lifting	Repeated Motion / Pressure
Cardio-Vascular / Respiratory	☐ Mental Stress	Rubbed / Abraded
System Failure	☐ Motor Vehicle Accident	☐ Shock
Caught in or Between	☐ Multiple (Specify)	Struck Against
Fall (From Elevation)	Slip or Trip	Struck By
Fall (Same Level)	Other (Specify)	☐ Work Place Violence
Ingestion	_ saler (speed)	
Initial Diagnosis / Treatment Date:		

Type of Treatment	
Admission to hospital / medical facility	Removal of foreign bodies
Application of bandages	Skin Removal
Cold / Heat Compression / Multiple Treatment	Soaking therapy – Multiple Treatment
Cold / Heat Compression / One Treatment	Soaking Therapy – One Treatment
First Degree Burn Treatment	Stitched / Sutures
Heat Therapy / Multiple Treatment	☐ Tetanus
Multiple (Specify)	☐ Treatment for infection
Heat Therapy / One Treatment	☐ Treatment of 2 nd / 3 rd degree burns
Non-Prescriptive medicine	Use of Antiseptic – multiple treatment
☐ None	Use of Antiseptic – single treatment
Observation	Whirlpool bath therapy / multiple treatment
Other (Specify)	Whirlpool therapy / single treatment
Prescription – Multiple dose	X-rays negative
	X-rays negative X-rays positive / treatment of fracture
	X-rays positive / treatment of fracture
☐ Physical Therapy	
Number of days doctor required employee to be of	off work:
Number of days doctor restricted employee's wor	k activity:
Dhysician Information	Localital Information
Physician Information	Hospital Information
Name:	
Address:	Address:
City:	City:
Zip Code:	Zip Code:
Phone:	Phone:
Additional Comments:	
During the daily fence check at approximately 8/9/10 1045 perfo	rmed by Dick Epp and Vicente Valencia, a hole in the northwest perimeter fence was
	ired on 8/910). This was logged in the SHSO's Daily Field Activity Log by Dick Epp.
Dick and Vicente notified Jim Nores (Superintendent) on 8/10/10	
Tetra Tech, ERRG's Rad sub was informed of the breach on 8/10/	
-	
Reviewed By:	Date:
Terrored by.	Dutc
1.0	D .
Approved By:	Date:

Root Cause Analysis Form

					ect No	29-14	41		
			<u> </u>			Date:	0/3/10		
Koot	Cause Analysis (RC	.A)							
column,	Root Cause Categories (RCC): Select the RCC numbered below that applies for the root cause (RC) and/or contributing factor (CF) in the first column, then describe the specific root cause and corrective actions in each column. Indicate whether it is a root cause or causal factor by checking one of the boxes to the right of this information.								
 La In In Ec In M Pe 	 Lack of, or inadequate, operational procedures or work standards (SOPs) Inadequate communication of expectations regarding procedures or work standards Inadequate tools or equipment Equipment failure Inadequate pre-planning of project Management failure to actively oversee and control project work flow Personnel failure to follow policies, procedures or operational standards 								
RCC #	Root Cause(s)	Corrective Actions	RC ¹		CF ²	Due Date	Complet Date		Date Verified
9	Unseen individual cut perimeter f	fence Notify Security, Tetra Tech and Nav	у 🗸	Ì		8/10/10	8/10/	10	8/11/10
		Repair fence		Ĭ		8/10/10	8/10/	10	8/11/10
		·							
				H					
				h	Н				
¹ RC = 1	Root Cause; ² CF = Contri	buting Factors (check which appli	es)						
Invest	igation Team Membe	ers							
Name		Job Title					Date	Date	
	Richard Epp	Site Safe	ty Offic	Ce	er		8/9/10		
	Jim Nores	Site Superintendent				8/10/10			
Results of Solution Verification and Validation									
Fence repaired and security alerted.									
		· · · · · · · · · · · · · · · · · · ·							
Review	wed By								
Name		Job Title					Date		
Ed	ward Grooman	Health & Safe	ety Ma	ar	nage	er		8/	12/10

Determination of Root Cause(s)

For minor losses or near misses the information may be gathered by the supervisor or other personnel immediately following the loss. Based on the complexity of the situation, this information may be all that is necessary to enable the investigation team to analyze the loss, to determine the root cause, and to develop recommendations. More complex situations may require the investigation team to revisit the loss site or re-interview key witnesses to obtain answers to questions that may arise during the investigation process.

Photographs or videotapes of the scene and damaged equipment should be taken from all sides and from various distances. This point is especially important when the investigation team will not be able to review the loss scene.

The investigation team must use the Root Cause Analysis Flow Chart to assist in identifying the root cause(s) of a loss. Any loss my have one or more "root causes" and "contributing factors". The "root cause" is the primary or immediate cause of the incident, while a "contributing factor" is a condition or event that contributes to the incident happening, but is not the primary cause of the incident. Root causes and contributing factors that relate to the *person* involved in the loss, his other peers, or the supervisor should be referred to as "personal factors". Causes that pertain to the *system* within which the loss or injury occurred should be referred to as "job factors".

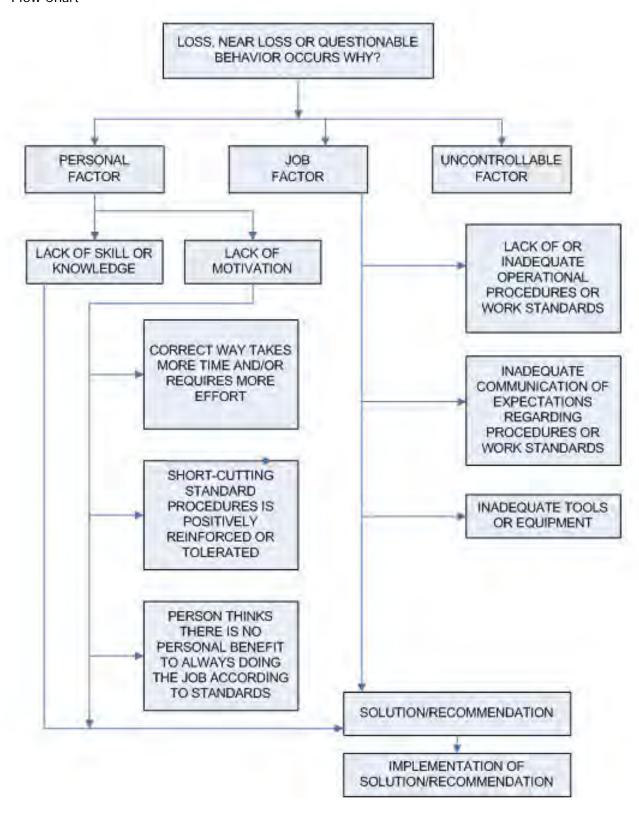
Personal Factors

- Lack of skill of knowledge
- Correct way takes more time and/or requires more effort
- Short-cutting standard procedures is positively reinforced or tolerated
- Person thinks that there is no personal benefit to always doing the job according to standards

Job Factors

- Lack of or inadequate operational procedures or work standards
- Inadequate communication of expectations regarding procedures or standards
- Inadequate tools or equipment

The root cause(s) could be any one or combination of these seven possibilities or some other "uncontrollable factor". In the vast majority of losses, the root cause is very much related to one or more of these seven factors. Uncontrollable factors should be used rarely and only after a through review eliminates "all" seven other factors.





Incident Report Form (IRF)

Type of Incident (Select at least one)						
☐ Injury/Illness ☐ Environmental/Permit Issue ☐ Restricted Duty	✓ Property Damage☐ Near Miss☐ Lost Time	☐ Re	oill/Release ecordable her			
General Information (Complete for al	l incident types)					
Preparer's Name: Richard J. Epp Date of Report: 8/11/10	Date of Incident: 8/6/10 - 8/9/10	Time of Ir	ncident: Unknown	am/pm		
Verbal Notification (Complete for all incident	dent types)					
ERRG PM/CM Notified: John Sourial	Da	ate 8/9/10	Time AM	am/pm		
Type of Activity (Provide activity being p	erformed that resulted in the incide	ent)				
Asbestos Work Confined Space Entry Construction Mgmt-Haz Waste Demolition Drilling Haz Waste Drilling-Non-Haz Waste Drum Handling Electrical Work Location of Incident (Select one) Company Premises: Field − Project/Site Name: HPS, IR-07, IR Location: Hunter's Point Naval Station, San Free In Transit − Traveling from: Conditions: (Check all that apply) Weather: Rain: ☐ Heavy ☐ Lig Visibility: ☑ Sunny ☐ Cle	ght] Snow	Site perim Pro Tut We We Wo Wo Wo Wo Wo veling to:	ner (Specify) eter fence breached during nocess Safety Managemenneling elding etlands Survey orking from Heights orking in Roadways WTP Operation 29-141 Windy Night			
Incident Investigation (Complete for	all incident types)					
Describe the Incident (Provide a brief description of the incident and how it occurred) During a perimeter fence check walk on 8/9/10 at 10:45, a hole was discovered that had been cut in the chain link fence on the northwest perimeter.						
Task Location: NW perimeter fence						
Job/Task Assignment: Daily check of the perime	eter fence					
Specific Activity the employee was engage Checking the fence	ged in when the incident occurred:					
Activity was a Routine /Task: Yes						

All equipment, materials, or chemicals the employee w	as using when the incident occurred:
Equipment Malfunction: Yes No V	
	DOOR GAVIER ANALYSIS FORM
Root Causes and Contributing Factors (COMPLETE)	ROOT CAUSE ANALYSIS FORM)
n/a	
Describe how you may have prevented this injury:	
n/a	
Witnesses (Complete for all incident types):	
Witness Information (First Witness)	Witness Information (Second Witness)
Name: Vicentte Valencia	Name: Richard Epp
Employee Number (ERRG):	Employee Number (ERRG):
Address:	Address:
City:	City:
Zip Code:Phone:	Zip Code: Phone:
I none.	i none.
Property Damage (Complete for Property Damage inci Property Damaged: Chain link fence cut Damage Description: Hole cut in fence, large enough to allow bod Estimated Amount: \$ 250	Property Owner: US Navy
Spill or Release (Complete for Environmental/Permit Is	ssue incidents only).
Describe Environmental or Permit Issue:	3 ,
Domesit Tyres	
Substance and Estimated Quantity:	
Duration of Permit Exceedence:	
Injury information (Complete for Injury/Illness incidents	s only)
If ERRG Employee injured Male \square Female \square M	lultiple Injuries/Illnesses ☐ (Add in Additional Comments below))
Employee Name:	Employee Number: DOB://
Social Security #: Telephone	e Number: Marital Status:
Address (Number, Street, City, State, Zip):	
Date of Hire:/ Occupation (Job Title):	
If FDDC Cub combination among the control of	
If ERRG Subcontractor employee injured	Compony
Employee Name: Subcontract Contract:	Company: Phone number:
Subcontract Contract.	1 HORE HUHIUCI.

Injury Type		
Allergic Reaction	Electric Shock	☐ Multiple (Specify)
Amputation	Foreign Body in eye	
☐ Asphyxia	Fracture	☐ Muscle Spasms
Bruise / Contusion / Abrasion	Freezing / Frost Bite	Other (Specify)
Burn (Chemical)	Headache	_ (1 3)
Burn / Scald (Heat)	☐ Hearing Loss	☐ Poisoning (Systemic)
☐ Cancer	Heat Exhaustion	Puncture
Carpal Tunnel	☐ Hernia	Radiation /Effects
Concussion	☐ Infection	Strain / Sprain
Cut / Laceration	☐ Irritation to eye	☐ Tendonitis
Dermatitis	Ligament Damage	☐ Wrist Pain
Dislocation		Whist I am
Distocation		
Dart of Dody Injured		
Part of Body Injured		
Abdomen	Hand(s)	Neck
Ankle(s)	Head	Nervous System
Arms (Multiple)	☐ Hip(s)	Nose
Back	Kidney	Other (Specify)
Blood	Knee(s)	_
Body System	Legs(s)	Reproductive System
Buttocks	Liver	Shoulder(s)
☐ Chest / Ribs	Lower (arms)	Throat
☐ Ear(s)	Lower (legs)	Toe(s)
☐ Elbow(s)	Lung	Upper Arm(s)
\square Eye(s)	Mind	☐ Wrist(s)
☐ Face		
☐ Finger(s)	☐ Multiple (Specify)	
☐ Foot / Feet		
Nature of Injury		
Absorption	☐ Inhalation	Overexertion
Bite / Sting / Scratch	Lifting	Repeated Motion / Pressure
Cardio-Vascular / Respiratory	☐ Mental Stress	Rubbed / Abraded
System Failure	☐ Motor Vehicle Accident	☐ Shock
Caught in or Between	☐ Multiple (Specify)	Struck Against
Fall (From Elevation)	☐ Slip or Trip	Struck By
Fall (Same Level)	Other (Specify)	☐ Work Place Violence
Ingestion		
<u> </u>		
Initial Diagnosis / Treatment Date:		

Type of Treatment	
Admission to hospital / medical facility	Removal of foreign bodies
Application of bandages	Skin Removal
Cold / Heat Compression / Multiple Treatment	Soaking therapy – Multiple Treatment
Cold / Heat Compression / One Treatment	Soaking Therapy – One Treatment
First Degree Burn Treatment	Stitched / Sutures
Heat Therapy / Multiple Treatment	☐ Tetanus
Multiple (Specify)	☐ Treatment for infection
Heat Therapy / One Treatment	☐ Treatment of 2 nd / 3 rd degree burns
Non-Prescriptive medicine	Use of Antiseptic – multiple treatment
☐ None	Use of Antiseptic – single treatment
Observation	Whirlpool bath therapy / multiple treatment
Other (Specify)	Whirlpool therapy / single treatment
Prescription – Multiple dose	X-rays negative
	X-rays negative X-rays positive / treatment of fracture
	A-rays positive / treatment of fracture
☐ Physical Therapy	
Number of days doctor required employee to be of	off work:
Number of days doctor restricted employee's wor	k activity:
Dhysician Information	Localital Information
Physician Information	Hospital Information
Name:	
Address:	Address:
City:	City:
Zip Code:	Zip Code:
Phone:	Phone:
Additional Comments:	
During the daily fence check at approximately 8/9/10 1045 perfo	rmed by Dick Epp and Vicente Valencia, a hole in the northwest perimeter fence was
	ired on 8/910). This was logged in the SHSO's Daily Field Activity Log by Dick Epp.
Dick and Vicente notified Jim Nores (Superintendent) on 8/10/10	
Tetra Tech, ERRG's Rad sub was informed of the breach on 8/10/	
-	
Reviewed By:	Date:
10.10.100.001	
A 1D	D. (
Approved By:	Date:

Root Cause Analysis Form

	ent Title: Hole in P			CA				ect No.	29-1	41
	Location: Hunter's Point Naval Station, San Francisco, CA Root Cause Analysis (RCA) Date: 8/9/10									
Koot	Cause Analysis (RC	A)								
column,		ot cau	RCC numbered below that appli se and corrective actions in each ation.							
 La In In Ec In M Pe 	adequate communication of adequate tools or equipment quipment failure adequate pre-planning of programagement failure to actively rsonnel failure to follow pol	ject overs	rocedures or work standards (SC ations regarding procedures or value and control project work flow procedures or operational standards, flood, animals, reptiles, etc.)	vork sta	no	dards				
RCC #	Root Cause(s)		Corrective Actions	RC ¹		CF ²	Due Date	Comple Date		Date Verified
9	Unseen individual cut perimeter f	ence N	Notify Security, Tetra Tech and Navy	/			8/10/10	8/10/	10	8/11/10
			Repair fence		Ħ		8/10/10	8/10/	10	8/11/10
			•		li					
					ľ					
				Н	П	\neg				
¹ RC = 1	Root Cause; ² CF = Contri	outing	Factors (check which applies))	Ц					
Invest	igation Team Membe	rs								
Name		Job T	Title					Date		
	Richard Epp		Site Safety	Offic	26	er			8,	/9/10
	Jim Nores		Site Superir	ntend	le	ent		8/10/10		
	5 5 5 5 5 5 5 5.									
Result	ts of Solution Verifica	tion a	and Validation							
			Fence repaired and	d sed	CU	urity	alerted.			
			· · · · · · · · · · · · · · · · · · ·							
Review	wed By									
Name		Job T	Γitle					Date		
Ed	ward Grooman		Health & Safet	у Ма	ır	age	er		8/	12/10
	3,12,10									

Determination of Root Cause(s)

For minor losses or near misses the information may be gathered by the supervisor or other personnel immediately following the loss. Based on the complexity of the situation, this information may be all that is necessary to enable the investigation team to analyze the loss, to determine the root cause, and to develop recommendations. More complex situations may require the investigation team to revisit the loss site or re-interview key witnesses to obtain answers to questions that may arise during the investigation process.

Photographs or videotapes of the scene and damaged equipment should be taken from all sides and from various distances. This point is especially important when the investigation team will not be able to review the loss scene.

The investigation team must use the Root Cause Analysis Flow Chart to assist in identifying the root cause(s) of a loss. Any loss my have one or more "root causes" and "contributing factors". The "root cause" is the primary or immediate cause of the incident, while a "contributing factor" is a condition or event that contributes to the incident happening, but is not the primary cause of the incident. Root causes and contributing factors that relate to the *person* involved in the loss, his other peers, or the supervisor should be referred to as "personal factors". Causes that pertain to the *system* within which the loss or injury occurred should be referred to as "job factors".

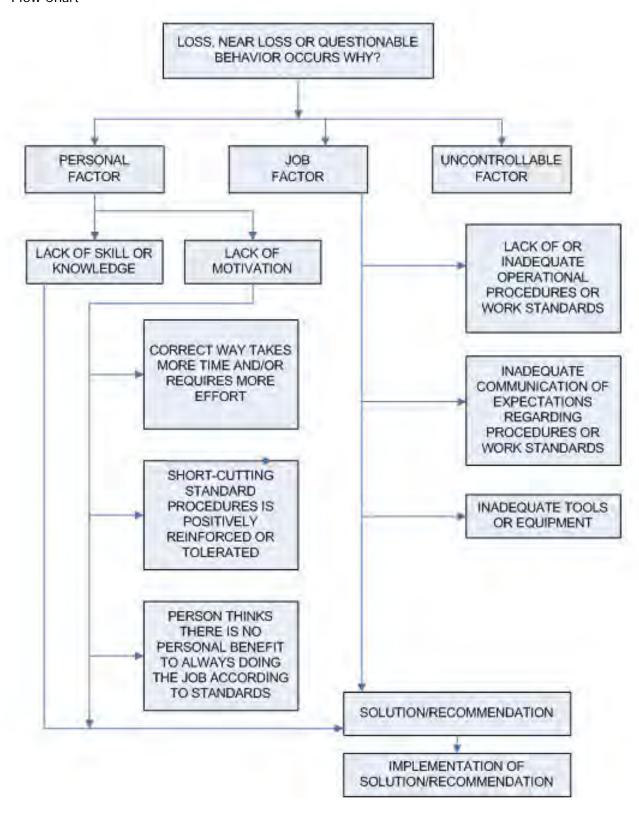
Personal Factors

- Lack of skill of knowledge
- Correct way takes more time and/or requires more effort
- Short-cutting standard procedures is positively reinforced or tolerated
- Person thinks that there is no personal benefit to always doing the job according to standards

Job Factors

- Lack of or inadequate operational procedures or work standards
- Inadequate communication of expectations regarding procedures or standards
- Inadequate tools or equipment

The root cause(s) could be any one or combination of these seven possibilities or some other "uncontrollable factor". In the vast majority of losses, the root cause is very much related to one or more of these seven factors. Uncontrollable factors should be used rarely and only after a through review eliminates "all" seven other factors.





DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-085 and ERRG-A-IR07-086). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-074 and ERRG-A-IR07-075. No activity above the release criteria was identified in survey ERRG-A-IR07-075. For survey ERRG-A-IR07-074, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u> <u>LLRW Bin #</u> ERRG-A-IR07-074-009 to be designated

• To date, 1548 pieces of shoreline debris have been surveyed for free release with 80 pieces not meeting the free release criteria and will be disposed of as LLRW.

Daily Status Report Page 2 of 2

• Systematic and biased soil samples were collected from the two screening units. Twenty systematic samples were collected from each unit. Four biased samples were collected from unit 1 and two were collected from unit 2.

Issues/Items Pending Action

• None.

		CONTRACTOR QUALIT			RT	DATE 1 REPORT	1/AUG/10
DUACE	CONTRACT N	(ATTACH ADDITIONAL SH	CONTRACT TI	RA at IR-	.07 & -18 at Parcel B; Soil H	NO lotspot Location	040 s at Parcels B,
PHASE		N62473-09-D-2608	CONTRACT II		G; and Soil Stockpiles at Pa		
≿		ATORY PHASE WORK PREFORMED TODAY? JT AND ATTACH SUPPLEMENTAL PREPARATOR`	Y PHASE CHECKLIS	Т.	YES NO		
PREPARATORY	Schedule	Definable Feature of Work					Index#
RA.	Activity No.						
EPA							
PR							
		HASE WORK PREFORMED TODAY? JT AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.		YES NO		
_	Schedule	Definable Feature of Work					Index#
INITIAL	Activity No.						
Z							
		IES WITH CONTRACT AS APPROVED DURING INI IES WITH SAFETY REQUIREMENTS?	TIAL PHASE?		YES YES	■ NO □	_
	Schedule	Description of Work, Testing Performed & By Wh	om, Definable Feature	e of Work, Specific		ino L	
	Activity No.	Section, Location and List of Personnel Present Continued removing deconstructed rad pa	d material from RC	Δ and stocknile	d offsite by the former nickling to	ank in Parcel G. v	erified that activities
0	02	performed conformed to the site clearing a			d onsite by the former picking to	ank in r aroci o, v	crined that delivines
Y-UF	03	Started and completed shoreline revetmen	t on section JI2L (lo	ower portion of t	he first section (approximately 5	0 feet) between se	ection J and
FOLLOW-UP		section I), verified that activities performed					
OLI	04	Rad screening of large concrete debris fro				-	
ш		unloaded and spread spoils from shoreline	e excavation on rac	screening pad	, collected samples from the scr	eened rad pad for	analysis.
REWORK	ITEMS IDENTIF	 ED TODAY (NOT CORRECTED BY CLOSE OF BU	SINESS)	REWORK ITEMS	CORRECTED TODAY (FROM REW	ORK ITEMS LIST)	
Sched Activity	ule Descrir	•	,	Schedule Activity No.	Description	,	
710017119	110.			7 touvity 140.			
Sched	ule Descrir	ny Follow-Up Phase Checklist Item From Above Tha	t Was Answered "NO	"), Manuf. Rep On-	-Site, etc.		
Activity	No.						
On behalf	of the contractor	I certify that this report is complete and correct and					
equipmen compliance	t and material use se with the contra-	I and work performed during this reporting period is in t drawings and specifications to the best of my knowledge	_	Elizabeth B			8/11/10
except as	noted in this repo				MANAGER AT SITE		DATE
QUALITY	ASSURANCE R	GOVERNMENT QUALITY ASSUF EPRESENTATIVE'S REMARKS AND/OR EXCEPTION			DATE		
Sched Activity		ion					
	1						
4296/2 (9/9	98)		(GOVERNMENT QU	UALITY ASSURANCE MANAGER SHEET 1	1 OF 1	DATE

Site Clearing and Demolition

Date:	8/11/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					
	1		1		

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/11/2010

Shoreline Excavation and Revetment

8/11/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of					
the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws,					Geotextile checked upon delivery on
deterioration or damage incurred during manufacture, transportation or	Initial	X			6/25/10 and 8/10/10.
storage prior to installation?	-			ļ	
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of					Filter rock stockpile in offloading area
layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			and riprap stockpiling area meets these requirements.
is placed?	+				Filter rock stockpile in offloading area
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			and riprap stockpiling area meets these
is the first layer of the stockpile a maximum of a feet mgm.		21			requirements.
Have subsequent layers of the stockpile been started 10 feet from the					Filter rock stockpile in offloading area
edge of the previous layer so that the rock will not roll down the edges	Initial	X			and riprap stockpiling area meets these
of the previous layers.					requirements.
Have areas that are below the allowable minus tolerance limit brought					The following sections meet this
to grade by fill with earth similar to the adjacent material or with sand	Follow				requirement: HG1L, HG2L, HG3L,
fill and then compacted to a density equal to the adjacent in place	up				HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L,
material?					DC2L, CB1L, OJ1L, JI1L, JI2L
11 1 11 61 4 1 1 1 4 1					The following sections meet this
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the	Follow				requirement: HG1L, HG2L, HG3L,
contract drawings within an allowable tolerance of the specified slope	up				HG4L, GF1L, GF2L, GF3L, GF4L,
line and grades?	- P				FE1L, FE2L, FE3L, ED1L, ED2L, DC1L,
	1				DC2L, CB1L, OJ1L, JI1L, JI2L
Have surfaces on which the geotextile will be placed been prepared to a					The following sections meet this requirement: HG1L, HG2L, HG3L,
relatively smooth surface condition free from obstruction, debris,	ronow				HG4L, GF1L, GF2L, GF3L, GF4L,
depressions, erosion feature, or vegetation?	up				FE1L, FE2L, FE3L, ED1L, ED2L, DC1L,
					DC2L, CB1L, OJ1L, Л1L, Л2L
					The following sections meet this
Have surface irregularities been removed so as to ensure continuous,	Follow				requirement: HG1L, HG2L, HG3L,
intimate contact of the geotextile with all the surface.	up				HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L,
					DC2L, CB1L, OJ1L, J11L, J12L
					The following sections meet this
Has loose, soft, or low density pockets of material been removed;	E.P				requirement: HG1L, HG2L, HG3L,
erosion features such as rills, gullies etc. shall be graded out of the	Follow				HG4L, GF1L, GF2L, GF3L, GF4L,
surface before geotextile placement.	up				FE1L, FE2L, FE3L, ED1L, ED2L, DC1L,
					DC2L, CB1L, OJ1L, JI1L, JI2L
					The following sections meet this
Are tolerances of the slope lines and grades of the prepared base as	Follow				requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L,
shown on the contract drawings?	up				FE1L, FE2L, FE3L, ED1L, ED2L, DC1L,
					DC2L, CB1L, OJ1L, JI1L, JI2L
					Beze, eBie, evile, viile, viile
Has the prepared base been approved by the Contracting Officer?	Follow			X	502B, 051B, 001B, 011B, 012B

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap.	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	Λ			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				•
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L

Requirement	Phase	Yes	No	N/A	Comments
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the riprap submittal.
Calibration	†			X	

QC Manager:	Date:
Elizabeth Binning	8/11/2010



Photo 1: Shoreline Excavation and Revetment – Excavation of section JI2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 11, 2010



Photo 2: Shoreline Excavation and Revetment – Checking subgrade elevations in section JI2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 11, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of filter rock in section JI2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 11, 2010



Photo 4: Shoreline Excavation and Revetment – Installation of riprap in section JI2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 11, 2010



	DATE 12/A	UG/10	0					
CONTRACT NO N62473-0	09-D-2608	(ATTACH ADDITION. TITLE AND LOCATION RA Parcels B, D-1, and	ations at HPS, SF	REPORT NO 041				
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	Ji	ames Nores		
AM WEATHER _		Tromodiation recognition	PM WEATHER	. \\/		MAX TEMP (F)	IIM	N TEMP (F)
F	oggy, Cool		Pt. Cloudy			65		53
Schedule				DRMED TODAY EMPLOYER		1	$\overline{}$	
Activity No.		WORK LOCATION AND DE	SCRIPTION	NUMBER	TRADE		HRS	
02,03,04	Crew continue v	vorking on shoreline revetment of	construction on the east end	ERRG	1	Superintendent		10
		ction to specified grade lines and		ERRG	1	Construction Manager	\longrightarrow	2
	· ·	top with 1/4 ton rip rap. Crew w		ERRG	1	Project Manager	\longrightarrow	4
		strips flipping, loading out and of cleared concrete out to the B		ERRG ERRG	1	QC Manager Tech Lead	\longrightarrow	8
	Scarified 1 load	or cleared concrete out to the Ba	231 Stockpile area.	ERRG	1	H&S Officer		8
				ERRG	1	QC Staff	\rightarrow	8
				ERRG	5	Equipment Operators		39
				ERRG	6	Laborers		16
				ERRG	5	Truck Drivers		25
				Tetra Tech	3	Rad Techs		24
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		152
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	RK	6024
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE .)	YES	■ NO	TOTAL WORK HOURS FROM	1	0.1=0
(If YES attach des		STE RELEASED INTO THE ENt and proposed action.)	NVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		6176
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BEEN MET.							
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
EQUIDMENT AAT	EDIAL DEGENIE	D TODAY TO DE INCORDORA	TED IN 100 (INDIOATE COLLEG	N				
Schedule	ERIAL RECEIVE Submittal #	D TODAY TO BE INCORPORA Description of Equipment/Mat	TED IN JOB (INDICATE SCHED	DULE ACTIVITY NUMBER))			
Activity No.								
	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDULE ACTIVITY	NUMBER.		1	
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea					\longrightarrow	48
	Rental Solutions SCS Tracer							12 48
	Harris Blade	Air Monitoring Skids- 2skids Cat 322 Long Reach						8
	United Rentals							
Schedule Activity No.	REMARKS	Talondon ondocon locasi						8
, .								
	<u> </u>					0/10/11		
				mes Nores CONTRACTOR/SUPERIN	TENDENT	8/12/10 DATE	<u> </u>	

4296/2 (9/98) SHEET 1 OF 1

	CO	DATE 12/AUG/10						
	09-D-2608	(ATTACH ADDITION TITLE AND LOCATION RA Parcels B, D-1, and	REPORT NO 041	cont.				
CONTRACTOR	Engineering	/Remediation Resource	s Group, Inc.	SUPERINTENDENT	J	ames Nores		
AM WEATHER			PM WEATHER	. \\/		MAX TEMP (F)	MIN TEMP (F)	
F	oggy, Cool		Pt. Cloudy			65	53	
0.1.1.1			WORK PERFO	ORMED TODAY	1	1		
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS	
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JOB		
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEE		
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WOR		
WAS CRANE/MAN		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT		
(If YES attach state	ement or checklis	t showing inspection performed	l.)	YES YES	☐ NO	TOTAL WORK HOURS FROM		
	DOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? In description of incident and proposed action.)							
Schedule Activity No.								
Activity No.								
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mar	terial Received					
CONSTRUCTION	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used	
Activity No.	ERRG	JD310 Backhoe					8	
	Harris Blade	Cat 735-2ea					16	
	Harris Blade	2K Water Truck					8	
	United Rentals	2K Water Truck					8	
	Harris Blade	Cat LGP D-6 Bulldozer					8	
	United Rental Broce broom Sweeper							
	Harris Blade Cat 325 Long Reach Excavator United Rentals Light Towers (3ea)							
Schedule	REMARKS	Light Towers (Jea)					24	
Activity No.	REWARKS							
			Ja	mes Nores		8/12/10		
				CONTRACTOR/SUPERIN	TENDENT	DATE		

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-D)-2608
DATE SIN	TIME	0500 PROJECT NUMBER	29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	1R-07, PAR	CEL B		
TYPE OF WORK	Construct		stinue debris	Scmmi
17.7.5.4.7.2.2.	RAN PAN	debris remove		
lan-	VIET III			7
SAFETY TOPICS			Reporting struc	
		ES, WATER SHEETY, SPE		
PROTECTIVE CLOTHIN long pants, s		Hardhat, safety glasses w/side shield as and PFD (personal flotation device)		with sieeves,
Committee Committee		Yest - N		
CHEMICAL HAZARDS	Potential for low level ra	diation		
PHYSICAL HAZARDS	POCKS, STAF, 6	WOVEN JUNGACET, EQUIPHEN	T	
EMEDICENCY DROCEDI	IDEC Employee to	report new Industry to Cupondicary Cup	anvisor notify CCUO	
EMERGENCY PROCEDU	The state of the s	report any injury to Supervisor; Sup	The second of the second of	
HOSPITAL/CLINIC			PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Fr	ancisco, CA 941124		
SPECIAL EQUIPMENT		None		
NOTE :				
		ATTENDEES		
NAME PRINTED		COMPANY	SIGNATURE	
Boris Bookle	024.	ERVE	Pour Pour Ho	
Roberto Hyu	1 eta	ELLG	Puto Anh	g
THE APPLICATION	702	FRE	() ()	
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Heather Wollen	BIAMO	ERRG	Thew Have	_
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JOHN SOURIAL	10	ERRG		-
KARISA ANI	140	10 201	20010	
K WOOD WILL		10 014	Lanor	1/200
Health & Safety Officer	DICK Epp	SUPERINT	ENDENT YAPILS	Mics
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J.GITATURE //	1 1 11	SIGNATUR	XILLIAN C	1



TAILGATE SAFETY MEETING

DATE	8/12/10	TIME	PROJECT NO	JMBER 29-19/
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Health & Safet	y Officer		SU	PERINTENDENT
SIGNATURE				GNATURE

DAILY FIELD ACTIVITY LOG

Richard Epp THURS DAY IPS Remediation Sites 7-18 Parcel B, Hotspots FOG+ MOT		8/12/10 29-141	idiy
IPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:		
FOG+ MOT			
	Page:	1	of
ee Tailgate Sign In Log.			
vities:			
THILGATE - INCIDENT REPORTING	9		
IG WITH SHORETHALE REVOTAGE	- 140	AMOTTON	5+ Fe in
4REA.			
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POCK (BRICK) PICKING IN UNSCAIN	NED SPOIL	PAD FROM	1
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TOR, END LOADER, BULDOZER, B	ACK HOE		
Man	Date:	0/12/1	n
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AIR MONITORING LOG SHEET

ERRG

Prepared by:

Client:

US MANY

Project Name:

Hunter's Point Parcel B IR07/18

Project No.:

29-141

Site Location:

San Francisco, CA

Page:

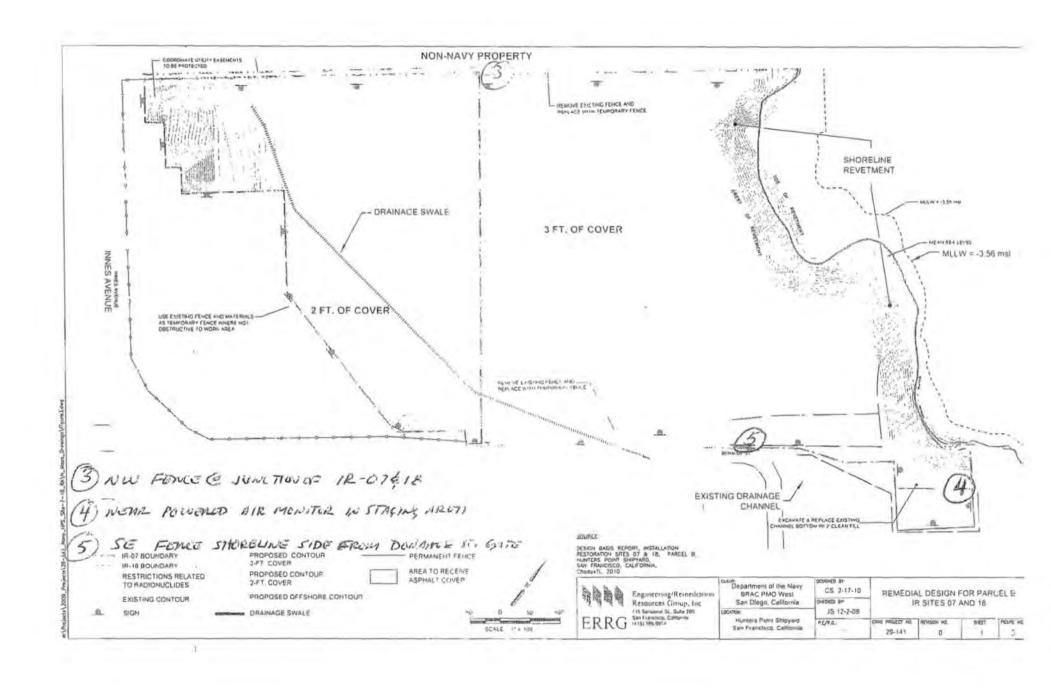
Calibration (Date and Time):

8/2/10

Standard Used:

MP BAG

Location	Date	Time	CONC. In	strument DataRAM	Comme	dBA
	8/12/10	0550	0,004	0,004	10971	62.
#4	1	0557	0,000	0.000	10972	57.0
#3		0604	0.003	6.000	10973	61.2
#+		0700	0.000	0.000	10971	64.7
#5		0709	0.002	0.000	10972	61.4
# 3		0716	0.001	0.001	16973	60.
44		1750	0-001	0.001	10971	614
±5		0 806	0.000	0.000	10972	56.0
#3		0812	0.000	0.000	10973	61.3
#4	1	0922	0-003	0.002	10971	64.7
#5	1	0929	0.000	0.000	16972	65.
# 4	1 - 1	1029	0.005	0.002	10971	61.7
#5	1 1	1046	6,000	0.000	10972	62,
#3	1 7	1052	0,000	0,000	10973	61.1
#4		1152	0,013	0.004	10971	64,
#3;-		1205	0.000	0.000	16973	61.
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AND THE RESIDENCE						
	***			THE R P. LEWIS CO., LANSING MICH.		





DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August 12, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery
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Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-087 through ERRG-A-IR07-090). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-076 through ERRG-A-IR07-078. For these surveys, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-076-007	to be designated
ERRG-A-IR07-077-018	to be designated
ERRG-A-IR07-078-021	to be designated
ERRG-A-IR07-078-024	to be designated

_Daily Status Report Page 2 of 2

• To date, 1620 pieces of shoreline debris have been surveyed for free release with 80 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

• None.

		(CONTRACTOR QUALIT			RT	REPORT 12/	041			
		(ATTACH ADDITIONAL SHEETS IF NECESSARY) NO RA at IR-07 & -18 at Parcel R: Soil Hotspot Locations at									
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	TILE D-1, and	G; and Soil Stockpiles at	Parcels D-1 and G.	at Faiteis B, HPS, SF			
	WAS PI	REPARATO	ORY PHASE WORK PREFORMED TODAY?		,	YES NO					
RY	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIS	ST.						
PREPARATORY		nedule	Definable Feature of Work					Index#			
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			SE WORK PREFORMED TODAY? AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST		YES NO					
_		s, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.									
INITIAL		vity No.	Definable Feature of Work					Index #			
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=											
			WITH CONTRACT AS APPROVED DURING IN	IITIAL PHASE?		YE					
			WITH SAFETY REQUIREMENTS?			YE	S NO				
		nedule vity No.	Description of Work, Testing Performed & By WI Section, Location and List of Personnel Present	nom, Definable Featur	e of Work, Specification	ation					
		02	Verified that activities performed conform	ed to the site cleari	ing and demolitio	n checklist.					
•		03	Started and completed shoreline revetme				ely 75 feet) between se	ection I and			
FOLLOW-UP			section H), verified that activities performe	ed conformed to the	shoreline excava	ation and revetment checklist	t.				
WC		04	Rad screening of large concrete debris fro	om shoreline, remo	ved rad cleared	concrete debris from RCA ar	nd stockpiled near Build	ding 231,			
TT(unloaded and spread spoils from shorelin	e excavation on ra	d screening pad.		·	-			
Б											
		DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BL	JSINESS)		CORRECTED TODAY (FROM R	EWORK ITEMS LIST)				
Sched Activity		Description			Schedule Activity No.	Description					
REMARKS	S (Also E	Explain Any	Follow-Up Phase Checklist Item From Above That	at Was Answered "NC	o"), Manuf. Rep On-	Site, etc.					
Sched Activity		Description									
			ertify that this report is complete and correct and								
complianc	e with th	e contract dr	d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth B	INNING MANAGER AT SITE		8/12/10			
except as	noted in t	his report.	COVERNMENT CHALITY ACCU					DATE			
OUALITY A	ASSI IRA	NCE REP	GOVERNMENT QUALITY ASSU			DATE					
Sched	ule	Description									
Activity	No.										
				-	GOVERNMENT QU	JALITY ASSURANCE MANAGER		DATE			
4296/2 (9/9	98)					SHEE	T 1 OF 1				

Site Clearing and Demolition

Date:	8/12/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/12/2010

Shoreline Excavation and Revetment

8/12/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	

Requirement	Phase	Yes	No	N/A	Comments
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	Α			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			

Requirement	Phase	Yes	No	N/A	Comments
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				•
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L

Requirement	Phase	Yes	No	N/A	Comments
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/12/2010



Photo 1: Shoreline Excavation and Revetment – Excavated subgrade in section IH1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 12, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section IH1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 12, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of filter rock in section IH1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 12, 2010



Photo 4: Shoreline Excavation and Revetment – Installation of riprap in section IH1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 12, 2010





Photo 5: Radiological Screening and Remediation – Trackwalking dried shoreline excavation spoils in preparation for towed array scan.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 12, 2010



	CC	DATE 13/AUG/10								
CONTRACT NO N62473-0	09-D-2608	(ATTACH ADDITION, TITLE AND LOCATION RA Parcels B, D-1, and	ations at HPS, SF	REPORT NO 042						
CONTRACTOR	Engineering	/Remediation Resources		SUPERINTENDENT	Ji	ames Nores				
AM WEATHER _	0 0	Tromodiation recognises	, Warm		MAX TEMP (F)	MIN	TEMP (F)			
F	oggy, Cool	65		53						
Schedule				ORMED TODAY		1				
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS		
02,03,04	Crew continue v	vorking on shoreline revetment of	construction on the east end	ERRG	1	Superintendent		10		
		ction to specified grade lines and	·	ERRG	1	Construction Manager		4		
	· ·	top with 1/4 ton rip rap. Crew we	Ü	ERRG	1	Project Manager		4		
	· ·	g strips flipping, loading out and of cleared concrete out to the B2		ERRG ERRG	1	QC Manager Tech Lead		8		
	Scarified 1 load	Di cleared concrete out to the Ba	231 Stockpile area.	ERRG	1	H&S Officer		8		
				ERRG	1	QC Staff		8		
				ERRG	6	Equipment Operators		41		
				ERRG	7	Laborers		19		
				ERRG	5	Truck Drivers		26		
				Tetra Tech	3	Rad Techs		24		
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		160		
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		6176		
		NG/SCAFFOLD/HV ELEC/HIGH st showing inspection performed.	WORK/ HAZMAT WORK DONE .)	? YES	■ NO	REPORT				
		ASTE RELEASED INTO THE EN it and proposed action.)	IVIRONMENT?	YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION		6336		
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE BE									
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water									
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER))					
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received							
03	001 and 001a	25 loads of 1/4 ton rip rap								
CONSTRUCTION	AND DI ANT EO	HIDMENT ON TOP SITE TODA	Y. INDICATE HOURS USED AN	D SCHEDIII E ACTIVITY	NIIMDED					
Schedule	İ	1			NOWBEN.		1	Harma Haad		
Activity No.	Owner	<u> </u>	quipment Used Today (incl Make	and Model)				Hours Used		
	Harris Blade ERRG	4K water truck JD 200CLC Excavator						<u>8</u> 8		
	Harris Blade	Cat 950 Loader						8		
	United Rentals	+						48		
	Rental Solutions							12		
	SCS Tracer	Air Monitoring Skids- 2skids						48		
	Harris Blade	Cat 322 Long Reach						8		
	United Rentals	Takehuchi skidsteer loader						8		
Schedule Activity No.	REMARKS						•			
	<u>I</u>			NI .		0/40/40				
				nes Nores contractor/superin	TENDENT	8/13/10 DATE)			

4296/2 (9/98) SHEET 1 OF 1

	CC	DATE 13/AUG/10								
	09-D-2608	TITLE AND LOCATION RA	AL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles a	t Parcels D-1 and G,						
CONTRACTOR	Engineering	/Remediation Resource	s Group. Inc.	SUPERINTENDENT	J	ames Nores				
AM WEATHER			PM WEATHER	. \\/		MAX TEMP (F)	MIN TEMP (F)			
F	oggy, Cool		Pt. Cloudy	y, vvarm DRMED TODAY		65	53			
0.1.1.1			1	1	1					
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS			
			O LIELD THIS DATES			TOTAL WORK HOURS ON JOB				
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEET	-s			
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WORK				
WAS CRANE/MAI		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT				
(If YES attach state	ement or checklis	t showing inspection performed	.)	YES YES	☐ NO	TOTAL WORK HOURS FROM				
		STE RELEASED INTO THE Elt and proposed action.)	NVIRONMENT?	YES	☐ NO	START OF CONSTRUCTION				
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENTS	S HAVE BEEN MET.			
Activity 140.										
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)						
Schedule Activity No.	Submittal #	Description of Equipment/Mar	terial Received							
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.					
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used			
Activity No.	ERRG	JD310 Backhoe					8			
	Harris Blade	Cat 735-2ea					16			
	Harris Blade	2K Water Truck					8			
	United Rentals	2K Water Truck					8			
	Harris Blade	Cat LGP D-6 Bulldozer					8			
	United Rental	Broce broom Sweeper	tor				0 8			
	Harris Blade United Rentals	Cat 325 Long Reach Excava Light Towers (3ea)	tor				24			
Schedule	REMARKS	Light Towers (Jea)					24			
Activity No.	KLWAKKS									
			Ja	mes Nores		8/13/10				
				CONTRACTOR/SUPERIN	TENDENT	DATE				

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	1	CONTRACT #	N64273-09-	D-2608
DATE 8/13	3/10 TIME	0600	PROJECT NUMBER	29 - 141	
CLIENT	Department of the Nav	Ŋ			
SPECIFIC LOCATION	12-07, PAR	CGL B			
TYPE OF WORK	7,11				
TIPE OF WORK					
Total Virginian in			PRESENTED		
SAFETY TOPICS	SPEED, Equip	-		ROCK DELIVORIES	
PROTECTIVE CLOTHING				s, reflective safety vest, shirt	with sleeves,
long pants, st	eel-toed work boots. Glo	ives and PFD (personal flotation device)	as necessary.	_
CHEMICAL HAZARDS	Potential for low level	radiation			
PHYSICAL HAZARDS	UNEVEN SUKI	ACES . E	EQUIPMENT, ROI	CKS	
		,	, , , , , , , , , , , , , , , , , , , ,		
EMERGENCY PROCEDU	RES Employee	to report any	injury to Supervisor; Supe	ervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE	911/ 415-641-6625(ER)	PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San	Francisco, CA	941124		
SPECIAL EQUIPMENT			None		
			- 113112		
NOTE:					
			TTAIDEEC		
NAME PRINTED		COMPA	TTENDEES	SIGNATURE	
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TAILGATE SAFETY MEETING

DATE	1-13-10	TIME PROJECT NUMBER	29-141
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Health & Safe	ty Officer	SUPERIN	TENDENT

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the N	avv
RGDay:	FRIDAY	Date:	8/13/10	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	_	29-141	
Weather:	CLEAR YOURCAST TO SUNNY	Page:	1	of
Site Visitors:	See Tailgate Sign In Log.	_, ago.		
Description of Field A				
	ARD) ROOK DONNERIES, EQUIPMENT		4, VISITOR	TOUD (WATER
Woe	K BEGAN AT DAYLIGHT SO NO TILUMEN	ATTEN REMI	digs wins	TAKEN.
COM	MNUOD SHORENIES REVERHANT WORKS			
REC	CETVING RIPRAP IN EDUD BURGE TRUCK	s, was 41	TRATA	NOTE IS DONOTHUE ST.
ASSI	STING TETRA THELL WITH SCANNING	PUBBLER		
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10	OSITE TOUR FOR WATER BURRED BY 10	us sourion,	ACCORPTION	BY BOUG DELONG.
	AGREERATED ON HETERS. OFSURVE			
	ON RAD SCREWING PADS.	eks Prem	EXMUNTO	י אינוסוניים מי
	Mn 1			
Signed:	1/1/19	Date:	8/13/	//

AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

PICK SPP Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

8/2/10

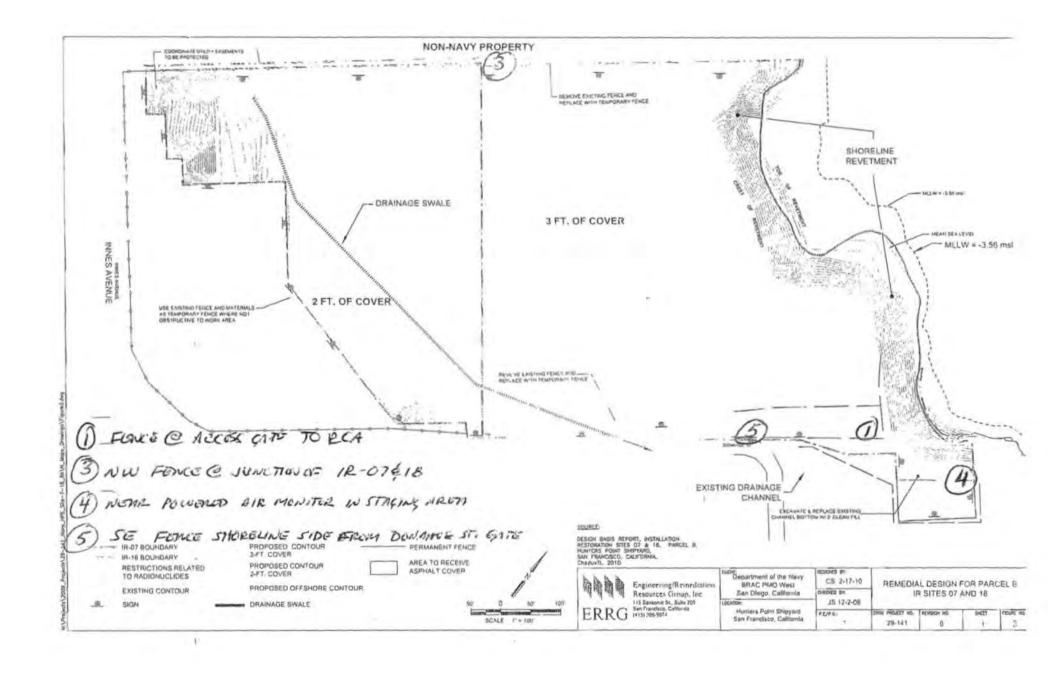
Client:

Project No.: Page:

US WAVY 29-141

Standard Used: AIR BAG

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de Terreit de malde de		Heav	y Equipment Defects	ad land	
Inspected By (Initials) And Date:	MP RJ 8/09	RT 8/10A	WRT 8/11/1/2 RT 8/13	PO 8/13 M	
Fires and rims	Yes No N/	Yes No N/A		N/A Yés No N/A	Defect(s):
Tracks	000	1 9 0 0			
Steps and handgrips	00		130000	000	
Guards on moving parts?	000			0000	
Engine belts and hoses	000			0000	
Fluid levels acceptable?	100		10000	0000	
oading/lifting capacity marked?	000				
Seat belt operative?	000			0000	
Fire extinguisher present?	0,00		000	000	
Windows and mirrors unbroken?	000		10000	000	
Gauges operative?	000				
Battery charged?	000		0000		
Windshield wipers operative?	000				
Horn operative?	000				
Back up alarm operative?	300				
Lights and signals operative?	800		THE O CE	0000	
Steering and other controls	801			0000	
Brakes	100				



Inspected By (Initials)	8	19	10		Ш	leavy	Equi	pmei	nt De	fects	M.			dal	
And Date:	1		Mr	80	W.	2	8/11/	10 R	JAN	3/12	The state of the s	80	8/13	19/6	
	Yes	No	N/A	Yes	No	N/A	Yes		N/A	Yes		N/A	Yes No		Defect(s):
Tires and rims		D	3				0					X	OL	9	
Tracks	19	V		D			4			X			1 /		
Steps and handgrips	4	1		D			1	D		X			17/		
Guards on moving parts?	4	V		1			3	D		X			BI		
Engine belts and hoses	9	0		D			8	D		X			1/ E		
Fluid levels acceptable?	4	0		D			3			X			0/		
Loading/lifting capacity marked?	0	D		D			1	D		Y			9/		
Seat belt operative?	8	D		P			d	D		X			1/E		
Fire extinguisher present?	19	9		P			1	D		X			1/		
Windows and mirrors unbroken?	0	0		D			0	D		V			1 /		
Gauges operative?	4	Z		D			P	1		X			13/		
Battery charged?	19	D		D			1	N		X			1/		
Windshield wipers operative?	4	V		0			1	Z		X			1		
Horn operative?	4			V			1	D		Y			1		
Back up alarm operative?	0	1		D			H	V		X			1/2		
Lights and signals operative?	1	X		D,	10		B	D		X			1/2		
Steering and other controls	0	D		0			1		1	X			0/		
Brakes	0			N			1	1		V			1		



		Ain			he F	leavy	Equi	pmer	it De	fects	P.			3		
Inspected By (Initials) And Date:	mon	186	in	TUE	588/	o jan	Wed	8/1	in	Ther	18/12	Kon	Fru	8/13	Ku	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tres and rims	K						A			1						
racks			1			A			1			A			R	
iteps and handgrips	N			A			N			M			A			
Guards on moving parts?	×			A			A			W			R			
Engine belts and hoses	0						1			K			X			
Fluid levels acceptable?	K			W			A			R			Z			
oading/lifting capacity marked?	M			Z			K			K			K			
Seat belt operative?	1			R			A			V			K			
Fire extinguisher present?	K			4			Z			X			A			
Windows and mirrors unbroken?	1			K			K			N			1			
Gauges operative?	N			R			4			A			X			
Battery charged?	A			Q			1			W			W			
Windshield wipers operative?	N			X			W			R			K			
Horn operative?	×			X			W			R			K			
Back up alarm operative?	K			6			K			1			R			
Lights and signals operative?	4			IX			De			A			6			fraccion teil light don't work some times
Steering and other controls	2			T _A			last.			X			12			don't work some time!
Brakes	Z			1			K			Z			1			
		-			_	_	1	_			-	_		_		



			100		۲	leavy	Equi	pmei	nt De	fects							
Inspected By (Initials) And Date:	00	8/9	no	00	M	914	ð	11/1	all	8/	12/1	0 fig	81	3/	10 1		
Fires and rims	Yes	No/	N/A	Yes	No.	N/A	Yes	No.	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tracks		ī	M			16			V			W					
Steps and handgrips	4			D'			T.			A			Ż				
Guards on moving parts?	d			D			H			12			V				
Engine belts and hoses	Ø,			Ø			山			A			Ź				
Fluid levels acceptable?	I.			r			山			H			M				
Loading/lifting capacity marked?	T.			[A]			里			N			四				
Seat belt operative?	V,			D,			Ø,			见			D				
Fire extinguisher present?	N			V			白			1			TY				
Windows and mirrors unbroken?	P			因			1			A-			×				
Gauges operative?	×			母			風			四			B				
Battery charged?	W			Ø			Ø			1			P				
Windshield wipers operative?	W			V			II,			2			1				
Horn operative?	U			D			V			100			图				
Back up alarm operative?	(Z)						理			1			Ø,				
Lights and signals operative?	R			也			山			5			ď				
Steering and other controls	B			D			1			4			P				
Brakes	4			I			0			4			P				



Inspected By (Initials) And Date:	2/	9	10 WL	91	18/	1 Our		the	1	01	1	(V)	di	13	100 m	
	Yes	No	N/A	Yes	No	N/A	of the pulse of the 's	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	X		Ш	M		Ш	13	П		[X		Ц	R	П		
Tracks			X			R			K			X			Lvo	
Steps and handgrips	X			K			8			K			K			
Guards on moving parts?	X			X			K			K			A			
Engine belts and hoses	1X			V			X			V			A			
Fluid levels acceptable?	X			X			V			V			U			
Loading/lifting capacity marked?	4			K			Q			Q			X			
Seat belt operative?	X			R			Q			N)			D			
Fire extinguisher present?	X			[V]			D			V			W			
Windows and mirrors unbroken?	Q			R)			D			Q			N			
Gauges operative?	X			0			[X			N			R			
Battery charged?	K			5			V		U	B			A			
Windshield wipers operative?	X			X			W			X			Q			
Horn operative?	X			V			N			N			Q			
Back up alarm operative?	1			X			12			8			THE			
Lights and signals operative?	X			Q			E			N			W			
Steering and other controls	X			X			R			M			X			
Brakes	X			N			M			D			2	П		

BRRG

Inspected By (Initials)		,			4/6	leavy	Equi	pmer	nt De			_		1.1.		
And Date:	8-0	1-10	PL	8-	10-	10	8-	110-1	0		12-i	PL		3-10	22	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A		No	N/A	Defect(s):
ires and rims	W			Lit		Ш	M		Ш	Lit			ly			
racks			4			4						4			V	
teps and handgrips	4			V			V						V			
suards on moving parts?	U			4			V			4						
ingine belts and hoses	W			U			V			B			V			
luid levels acceptable?	W						V			17			V			
oading/lifting capacity marked?	1			U			V			Z						
eat belt operative?	W			4			Y		0				V			
ire extinguisher present?	0			V			V		U	Z			N			
Vindows and mirrors unbroken?	0			19			V			7			1			
Sauges operative?	W			U			W						N			
Battery charged?	1			U			V						V			
Vindshield wipers operative?	U			U			1			Z			W.			
Horn operative?	U			V			A			Z			0			
Back up alarm operative?	W			19			1			12			V			
ights and signals operative?	V			V			J			Z			V			
Steering and other controls	U			T			V						V			
Brakes	V	П	П	V	П	П	V	П	П	I	П	П	7	П	П	



					H	leavy	Equi	pme	nt De	fects						
Inspected By (Initials) And Date:	12 L		14	8-11	0-1	04	FL 3-1	1-10	146	8-	12-	199	をし	3-1	PUL	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes		N/A	Defect(s):
Tires and rims	1×			×			'S			M			العرا			
Tracks			M			M			N			M			120	
Steps and handgrips	50			M			120			M			D			
Guards on moving parts?	8			4			D			0			50			
Engine belts and hoses	\$0			D			N			129			M			
Fluid levels acceptable?	D			X.			50			M			区			
Loading/lifting capacity marked?	Do			A			50			N			K			
Seat belt operative?	100			N.			0			D.			₩.			
Fire extinguisher present?	D			Ø			1			10			D			
Windows and mirrors unbroken?	R			X			₽			NO.			5			
Gauges operative?	10			M			6			4			5			
Battery charged?	Q			50			50			M						
Windshield wipers operative?	D			DQ.			4			D			F			
Horn operative?	5			M			10			M			5			
Back up alarm operative?	Ty.			8			10			0			D.			
Lights and signals operative?	100			(E)			لمِدَا			50			N			
Steering and other controls	10			D.			10			D.			图			
Brakes	14			X			10			W						

ERRG

roject Number / Name: 29					_				nt De					enta		ERRG A	_
Inspected By (Initials) And Date:	8/9	10	My	8/1	1	OM	8/	11 /	U M	2/	12	10	81	15	10	1	
	Yes (No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):	
ires and rims	X			N			X			X			X				
racks			X			X			E.			X			X		
teps and handgrips	N			X			X			X			X				
Guards on moving parts?	X			X			X			X			A				
ngine belts and hoses	N			X			K			X			X				
luid levels acceptable?	X			X			X			X			X				
oading/lifting capacity marked?	X			X			X			X			X				
eat belt operative?	R			K			X			X			X				
Fire extinguisher present?	X			X			N			X			X				
Vindows and mirrors unbroken?			X			X			X			X			区		
Sauges operative?	又			N			[x]			K							
Battery charged?	X			反			X		ac	1x							
Windshield wipers operative?			X			人			X			X			X		
Horn operative?	X			X			X			X			A				
Back up alarm operative?	(A			因			X			X			X				
lights and signals operative?	N			V			x			X			X				7
Steering and other controls	A			成			N			V			X				
Brakes	X			N			X			X			V			-	

ERRG

					Н	leavy	Equi	pme	nt De	fects	1					
Inspected By (Initials) And Date:	8-	9-	10 19	8-1	0-10	196	8-11	-10	u	RA 8-17	2-10	pl	8-13	- 10	W	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	1000	No	N/A		No	N/A	Defect(s):
Tires and rims			X			X			A			F			+	
Tracks	V			V			V			1						
Steps and handgrips	V			19			4			V						
Guards on moving parts?	V			V			V			V			V			
Engine belts and hoses	V			P			P			·N			V			
Fluid levels acceptable?	V	Q		V			4			V			V			
Loading/lifting capacity marked?	~			V			4			V						
Seat belt operative?	V			V			4			V			0			
Fire extinguisher present?	V			V			V			V			V			
Windows and mirrors unbroken?	V			V			3			V			V			
Gauges operative?	V			F			4			V			V			
Battery charged?	U			Y			V			J			V			
Windshield wipers operative?.			V		V		1		×			V			V	
Horn operative?	9			V			W			7			V			!
Back up alarm operative?	V			H			V			V			1			
Lights and signals operative?	V			H			V			V			V			
Steering and other controls	V			V			V			V			V			
Brakes	V			1	П					J			V			

b	B	B	ø
E	R	R	G

DAILY HEAVY EOUI	21

Inspected By (Initials)	July Mis	Heavy Equipment Defects W Ry Mg	
And Date:	8/9/10	8/10/10 8/11/10 8/13/10	5.6.163
īres and rīms	Yes No N/A	Yes No N/A Yes No N/A Yes No N/A Yes No N/A	Defect(s):
racks	777		
A Laborator de la companya de la com	77		
Steps and handgrips			
Guards on moving parts?	//		
Engine belts and hoses			
Fluid levels acceptable?			
oading/lifting capacity marked?			
Seat belt operative?			
Fire extinguisher present?			
Windows and mirrors unbroken?			
Sauges operative?			
Battery charged?			
Windshield wipers operative?	000		
Horn operative?			
Back up alarm operative?			
Lights and signals operative?	4/20		
Steering and other controls	1/00		
Brakes			



2-1-3-20-4-21-21					H	leavy	Equi	pmei	nt De	fects								
Inspected By (Initials) And Date:	8/0	09	Me	8	10	M	²⁵ 8	11/1	MA	8	14	10/4	8/	13/	109	/		
	Yes		N/A/	Yes	No	N/A	Yes	No	N/A/	Yes	No	N/A	Yes	No	N/A	1	D	efect(s)
ires and rims				1				7										
racks	4			19			M	1					X	Ш.				
iteps and handgrips	18/			1	L		V	L		1	/ 🗆	L	1					
Guards on moving parts?	0/			1	7	Ш	4			1			1					
Engine belts and hoses		P		0			P	D					1	D				
luid levels acceptable?	1			0	0		B	10		1			a,	D				
oading/lifting capacity marked?	0			0	0		O	19					1	D				
Seat belt operative?	1	1		V,	X		4	10		0			1	D				
Fire extinguisher present?	回	D		9	D		1	10		1	1		1	K				
Vindows and mirrors unbroken?	19			B.	1		1	0		1	1		1	D				
Gauges operative?	1			0	D		区	1		C			1	E				
Battery charged?	0	1		0	D		1	10		1	П		0	D				
Windshield wipers operative?	1	D		I	D		1	1		X	D		0	D				
Horn operative?	1	D		1	d		d	1		N	D		1	D				
Back up alarm operative?	d			0	RI		0	1		1			1	0				
ights and signals operative?	1			1	D		1	6		17			H	D				
Steering and other controls	10	0					1	D		1	1		1	V		-		
Brakes	10			1			3			1			P					

ERRG

Inspected By (Initials) And Date:	810	. 0	Au	alia	H	eavy	Equi	pmer	nt De	fects	1	0	190	7	00	l l
And Date:	819	LE	The	alo	M	4	DIT	1	4	MIZ	- 45	>1	8113	7	7	Defect(s):
Tires and rims	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Delect(3).
racks				X			K			X			X			
iteps and handgrips				X			K			X			X			
Guards on moving parts?				X			X			X			X			
Engine belts and hoses		7		X			K			X			X			
Fluid levels acceptable?		1		X			X			X			X			
oading/lifting capacity marked?		1		X			X			X			X			
Seat belt operative?		10		X			M			X			X			
Fire extinguisher present?				X			X			X			X			
Windows and mirrors unbroken?				X			X			M			X			
Gauges operative?				X			X			X			X			
Battery charged?	4			V			X			X			X			
Windshield wipers operative?	1			X			X			X			K			
Horn operative?	P			X			X			X			X			
Back up alarm operative?	6			X			X			X			X			
Lights and signals operative?				X			X			X			X			
Steering and other controls				X			X			X			X			
Brakes						X			X			X	*		V	



Inspected By (Initials) And Date:	V	13/	194		ŀ	leavy	Equi	pme	nt De	fects	5					
And Date:	Yes		N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	4															
racks			-													
teps and handgrips	4															
Guards on moving parts?	4															
ingine belts and hoses	2															
luid levels acceptable?	4															
oading/lifting capacity marked?	2															
eat belt operative?	4															
ire extinguisher present?	4															
Vindows and mirrors unbroken?			4													
Sauges operative?	4															
attery charged?	0															
Vindshield wipers operative?			4													
Horn operative?		4														
Back up alarm operative?	4															
ights and signals operative?		2														
Steering and other controls	4															
Brakes	D															



DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August	t 13, 2010 ERR	G – CTO 0004	Preparer:	Shanti Montgomery
	- /		1	8 3

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-091 and ERRG-A-IR07-092). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-079 through ERRG-A-IR07-083. No activity above the release criteria was identified in surveys ERRG-A-IR07-082 and ERRG-A-IR07-083. For surveys ERRG-A-IR07-079 through ERRG-A-IR07-081, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u>	LLRW Bin #
ERRG-A-IR07-079-015	to be designated
ERRG-A-IR07-080-013	to be designated
ERRG-A-IR07-080-014	to be designated
ERRG-A-IR07-080-016	to be designated

_Daily Status Report Page 2 of 2

ERRG-A-IR07-080-020	to be designated
ERRG-A-IR07-080-029	to be designated
ERRG-A-IR07-080-030	to be designated
ERRG-A-IR07-080-031	to be designated
ERRG-A-IR07-081-030	to be designated

• To date, 1656 pieces of shoreline debris have been surveyed for free release with 93 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

• During an inspection of the air samplers, it was noted that the "upwind" low volume air sampler was not functioning. Investigation revealed that the plug receptacle for the "upwind" generator was loose therefore, causing a short. An electrician for the rental company will isolate and repair the generator on Monday. The sample collected has been deemed invalid due to unknown shut off times/unknown air volume.

		(CONTRACTOR QUALIT			RT	REPORT 13	AUG/10			
	1		(ATTACH ADDITIONAL SI		RΔ at IR-	07 & -18 at Parcel B; So	NO	042 at Parcels B			
PHASE	CONTR	ACT NO	N62473-09-D-2608	CONTRACT T	D-1, and	G; and Soil Stockpiles a	t Parcels D-1 and G	HPS, SF			
,	WAS PI	REPARATO	DRY PHASE WORK PREFORMED TODAY?			YES NO					
RY			AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIS	ST.						
PREPARATORY		nedule vity No.	Definable Feature of Work					Index#			
'R.⁄											
₽A											
) RE											
	WAS IN	IITIAL PHA	SE WORK PREFORMED TODAY?			YES NO		•			
	IF YES,	FILL OUT	AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST.							
Ļ		nedule vity No.									
INITIAL	7 1011	, i, j , i o .	isy rise.								
Z											
	WORK	COMPLIES	WITH CONTRACT AS APPROVED DURING IN	IITIAL PHASE?		Y	ES NO	1			
	WORK	COMPLIES	WITH SAFETY REQUIREMENTS?			Y	ES NO				
		nedule	Description of Work, Testing Performed & By WI	nom, Definable Featur	e of Work, Specific	ation					
		vity No.	Section, Location and List of Personnel Present								
		02	Verified that activities performed conform				==				
П		03	Started and completed shoreline revetme		-			n section I and			
M-(0.4	section H), verified that activities performe					-U 004			
P		04	Rad screening of large concrete debris from				and stockpiled near Bull	aing 231,			
FOLLOW-UP			unloaded and spread spoils from shorelin	e excavation on ra	a screening paa.						
ш.											
REWORK	ITEMS I	DENTIFIED	TODAY (NOT CORRECTED BY CLOSE OF BU	JSINESS)	REWORK ITEMS	CORRECTED TODAY (FROM F	REWORK ITEMS LIST)				
Sched Activity		Description			Schedule Activity No.	Description					
710117119					7 tourney 1 to						
REMARKS	S (Also E	Explain Any	Follow-Up Phase Checklist Item From Above That	at Was Answered "NC)"), Manuf. Rep On-	Site, etc.					
Sched Activity		Description									
Activity	NO.										
			rtify that this report is complete and correct and								
			d work performed during this reporting period is in awings and specifications to the best of my knowledge		Elizabeth B			8/13/10			
except as	noted in t	his report.		А	AUTHORIZED QC N	MANAGER AT SITE		DATE			
			GOVERNMENT QUALITY ASSU			DATE					
QUALITY / Sched	ulo I		RESENTATIVE'S REMARKS AND/OR EXCEPTION	ONS TO THE REPOR	KI .						
Activity		Description									
				-	GOVERNMENT OF	JALITY ASSURANCE MANAGE	-R	DATE			
4296/2 (9/9	98)			,	OUVERNIVIENT QU		ET 1 OF 1	DATE			

Site Clearing and Demolition

Date:	8/13/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/13/2010

Shoreline Excavation and Revetment

8/13/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L

Requirement	Phase	Yes	No	N/A	Comments
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L

Requirement	Phase	Yes	No	N/A	Comments
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has the riprap been placed in one layer?	Follow			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/13/2010



Photo 1: Shoreline Excavation and Revetment – Excavated subgrade in section IH2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 13, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of geotextile in section IH2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 13, 2010





Photo 3: Shoreline Excavation and Revetment – Installation of riprap in the toe in section IH2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 13, 2010



Photo 4: Shoreline Excavation and Revetment – Placement of riprap between cross sections I and J.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 13, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 16/A	UG/1	0
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	043	3
CONTRACTOR	Engineering	/Remediation Resources	s Group, Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER _		Tromodiation recognises	PM WEATHER	. \\/		MAX TEMP (F)	MI	N TEMP (F)
F	oggy, Cool		Pt. Cloudy			63		53
Schedule				ORMED TODAY	1			
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04		n filling in rip rap areas along the		ERRG	1	Superintendent		8
		Crew working on flipping, loadi		ERRG	1	Construction Manager		0
		debris screening strips. Crew w		ERRG	1	Project Manager		8
		rial on the rad screening pad- pu Crew working on clearing out a		ERRG ERRG	1 1	QC Manager Tech Lead	-	8
			/ looping from Syar in Napa with	ERRG	1	H&S Officer		8
	1/4 ton rip rap.	or the revellment. I tracke today	ricoping from Oyal in Napa Will	ERRG	2	QC Staff		16
				ERRG	8	Equipment Operators		45
				ERRG	6	Laborers		17
				ERRG	4	Truck Drivers		18
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		160
SAFE		WERE THERE ANY LOST TIMI (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS		6336
		IG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	■ NO	REPORT TOTAL WORK HOURS FROM	4	
		STE RELEASED INTO THE ENt and proposed action.)	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		6496
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED							
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	TED IN JOB (INDICATE SCHED	OULE ACTIVITY NUMBER)				
Schedule Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
03	001 and 001a	27 loads of 1/4 ton rip rap						
CONSTRUCTION	AND PLANT FO	LIIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDLII E ACTIVITY N	VIIMBER			
Schedule	Owner	1	quipment Used Today (incl Make		TOMBET.		[Hours Used
Activity No.	Harris Blade	4K water truck	quipmont occu roday (mormano					8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
	1		1	naa Nissaa		0/4/0/4/	`	
				mes Nores CONTRACTOR/SUPERIN	TENDENT	8/16/10 DATE	J	

4296/2 (9/98) SHEET 1 OF 1

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						DATE 16/AU	G/10
	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parce G; and Soil Stockpiles a	Parcels D-1 and G,		REPORT NO 043	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group Inc	SUPERINTENDENT	J	ames Nores	
AM WEATHER			PM WEATHER	. \\/		MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		Pt. Cloudy			63	53
0.1.1.1			WORK PERFO	DRMED TODAY	1	1	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
			O LIELD THIS DATES			TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEET	·s
SAFE		WERE THERE ANY LOST TIM		☐ YES	□ NO	CUMULATIVE TOTAL OF WORK	
WAS CRANE/MAN		(If YES attach copy of complete IG/SCAFFOLD/HV ELEC/HIGH	ed OSHA (epon) I WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT	
(If YES attach state	ement or checklis	t showing inspection performed	.)	YES	☐ NO	TOTAL WORK HOURS FROM	
(If YES attach des	S HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? ES attach description of incident and proposed action.) YES NO START OF CONSTRUCTION						
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENTS	HAVE BEEN MET.
FOLUDIAENT/MAT	EDIAL DECENT		ATED IN JOB (INDICATE SCHE	NIII E ACTIVITY AII IMPEDI			
Schedule Activity No.	Submittal #	Description of Equipment/Mar		JOLE ACTIVITY NUMBER)			
Activity No.							
CONSTRUCTION	AND DI ANT EOI	IIDMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ID SCHEDI II E ACTIVITY A	IIIMDED		
Schedule	İ	1			NOIVIBER.		1
Activity No.	Owner	'	quipment Used Today (incl Make	and Model)			Hours Used
	ERRG	JD310 Backhoe					8
	Harris Blade Harris Blade	Cat 735-2ea 2K Water Truck					16
	United Rentals	2K Water Truck					8
	Harris Blade	Cat LGP D-6 Bulldozer					8
	United Rental	Broce broom Sweeper					0
	Harris Blade	Cat 325 Long Reach Excava	tor				8
	United Rentals	Light Towers (3ea)					24
Schedule Activity No.	REMARKS						
			Ja	mes Nores		8/16/10	
				CONTRACTOR/SUPERINT	TENDENT	DATE	

4296/2 (9/98) SHEET 1 OF 1



TAILGATE SAFETY MEETING

SITE LOCATION:	Hunters Point Shipyard	1	_CONTRACT #	N64273-09-	D-2608
DATE 8/16/	16 TIME	0600	PROJECT NUMBER	29 - 141	
CLIENT /	Department of the Nav	N			
SPECIFIC LOCATION	1R-07, PA	-			
	, , ,			VIII S CONTRACTOR LAN	
TYPE OF WORK	SHOROZINV	ROVITAGE	T, PRUP SAOIL	FROM EXCAUNTED FOR	L SCHOL
	SA	FETY TOPIC	S PRESENTED		
SAFETY TOPICS			CPO's SPERSO		
PROTECTIVE CLOTHIN				ds, reflective safety vest, shirt	with sleeves
	The state of the s		(personal flotation device		Wall Side 105
CHEMICAL HAZARDS	Potential for low level	radiation			
PHYSICAL HAZARDS	FOUITMET, -	DINEGO .	POCKE		
711.71111.			p. 3. 3. 3.		
EMERGENCY PROCEDU	RES Employee	to report any	injury to Supervisor; Sup	pervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital	PHONE	911/415-641-6625/FR) PARAMEDIC PHONE	911
	Name of the State		-		211
HOSPITAL ADDRESS	3555 Cesar Chavez, San	Francisco, CA	941124		_
SPECIAL EQUIPMENT	4		None		
NOTE:					
		A	ATTENDEES		
NAME PRINTED		COMP		SIGNATUR	E
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TAILGATE SAFETY MEETING

DATE	8/16/10 T	TME PROJECT NUME	BER 29-191
In Wat a se Albania a se		ATTENDEES	
NAME P	RINTED	COMPANY	SIGNATURE
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lealth & Safety	Officer	SUPER	INTENDENT
SIGNATURE		SIGNA	TUDE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
RGDay:	MONORY	Date:	8/16/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	
Weather:	OVERCAST	Page:	of
Site Visitors:	See Tailgate Sign In Log.		
Description of Field A	Activities:		
	TY TAILGATE - ROVIEWED LPO'S I	tun ust	WEEK, SPEED, ROUN
STAY	GER RIPARP.		-
PERING	TOPL FONCE CHOCKED NO ISSUES, NO	O CUT F	ance,
CONTINU	ING SHOELING REVETMENT, RIP	PAP PLACE	FLIONT
LEVALIS	PICKING POCKS + BELEK FROM SPOR	Frem SH	GRANG EXCAVATION
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AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

EPP

US NAVY

Site Location:

Hunter's Point Parcel B IR07/18 San Francisco, CA

Client: Project No.: 29-141

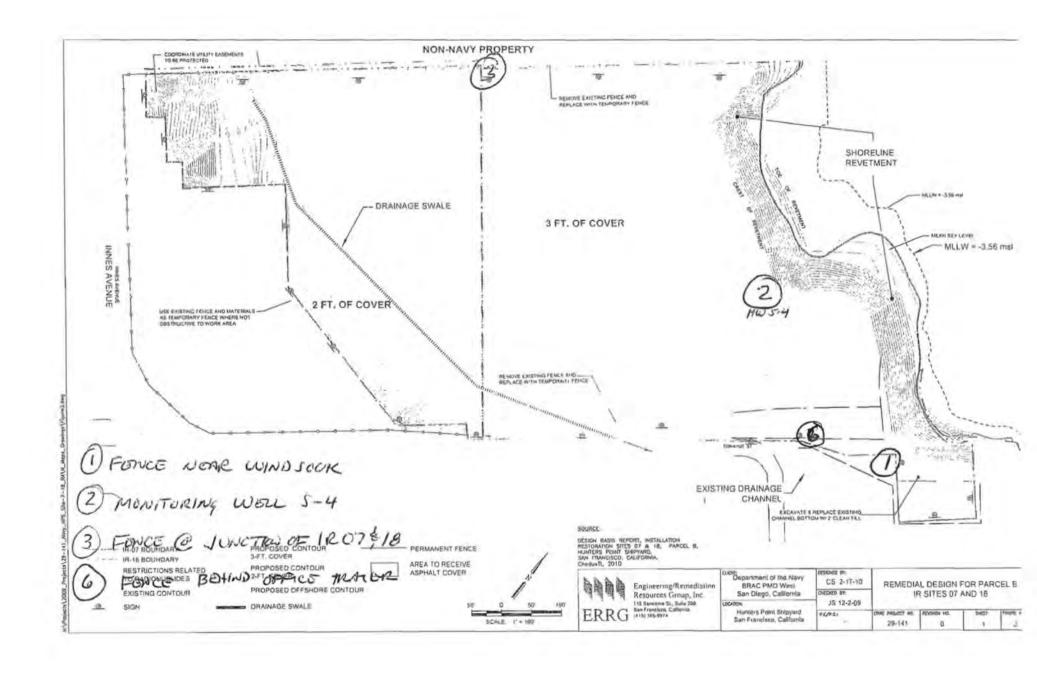
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Calibration (Date and Time): 3/2/10

Standard Used: MC BAG

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DAILY STATUS REPORT IR-07 Remedial Action

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-093 through ERRG-A-IR07-096). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-084 through ERRG-A-IR07-089. No activity above the release criteria was identified in surveys ERRG-A-IR07-084, ERRG-A-IR07-085, ERRG-A-IR07-086, ERRG-A-IR07-087, and ERRG-A-IR07-089. For survey ERRG-A-IR07-088, the following had activity above the release criteria and will be disposed of as LLRW.

<u>Item Number</u> <u>LLRW Bin #</u> ERRG-A-IR07-088-033 to be designated _Daily Status Report Page 2 of 2

• To date, 1728 pieces of shoreline debris have been surveyed for free release with 94 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

• The "upwind" generator was repaired and the air sample was successfully collected. Issue resolved.

	CONTRACTOR QUALITY CONTROL REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY) DATE 16/AU REPORT NO 04									
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT TITLE	RA at IR-0	07 & -18 at Parcel B; Soil H	INO otspot Locations	043 at Parcels B,			
FIIAGE		TORY PHASE WORK PREFORMED TODAY?	CONTRACT TITLE	D-1, and (G; and Soil Stockpiles at Pa YES NO	arcels D-1 and G	, HPS, SF			
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		ES WITH CONTRACT AS APPROVED DURING INI	TIAL PHASE?		YES	■ NO □				
		ES WITH SAFETY REQUIREMENTS?	Deficielle France of	M		■ NO □				
	Schedule Activity No.	Description of Work, Testing Performed & By Who Section, Location and List of Personnel Present	om, Definable Feature of	vvогк, Specifica	ation					
	02	Verified that activities performed conforme	d to the site clearing a	and demolitio	n checklist.					
굡	03	Installed riprap in sections IH2L, JI1U, and				d stockpiled along	the top of the			
FOLLOW-UP	04	revetment, verified that activities performed Rad screening of large concrete debris fro				atankailad naar Pui	Idina 221			
F	- 04	unloaded and spread spoils from shoreline			Concrete debits from NCA and s	stockpiled flear Bui	iding 231,			
<u>Б</u>				31						
REWORK	I ITEMS IDENTIF	ED TODAY (NOT CORRECTED BY CLOSE OF BUS	SINESS) REV	VORK ITEMS (CORRECTED TODAY (FROM REW	ORK ITEMS LIST)				
Sched Activity		ion		Schedule Activity No.	Description					
REMARK	S (Also Explain A	ny Follow-Up Phase Checklist Item From Above Tha	t Was Answered "NO") M	lanuf Ren On-	Site etc					
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equipmen	t and material use	I certify that this report is complete and correct and and work performed during this reporting period is in	Eliz	zabeth Bi	nning		8/16/10			
	noted in this repor	drawings and specifications to the best of my knowledge			IANAGER AT SITE		DATE			
		GOVERNMENT QUALITY ASSUR			DATE					
QUALITY / Sched	lule I	EPRESENTATIVE'S REMARKS AND/OR EXCEPTIO	NS TO THE REPORT							
Activity	No. Descrip	ION								
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4296/2 (9/9	98)		GOV	LINIVIENT QU	SHEET 1	OF 1	DATE			

Site Clearing and Demolition

Date:	8/16/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/16/2010

Shoreline Excavation and Revetment

8/16/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L

Requirement	Phase	Yes	No	N/A	Comments
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L

Requirement	Phase	Yes	No	N/A	Comments
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				-
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has the riprap been placed in one layer?	Follow			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/16/2010



Photo 1: Shoreline Excavation and Revetment – Keying in crest of revetment in sections JI1U and JI2U.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 16, 2010



Photo 2: Shoreline Excavation and Revetment – Completed geotextile overlap at crest of sections JI1U and JI2U.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 16, 2010



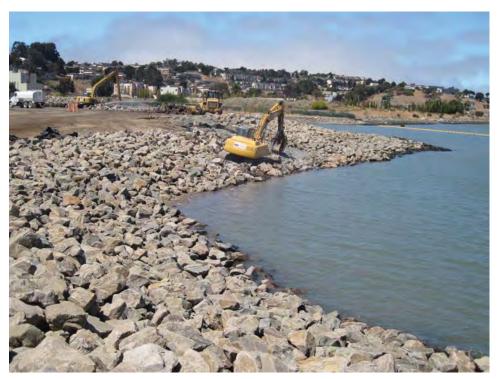


Photo 3: Shoreline Excavation and Revetment – Installation of riprap in section IH2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.)

Date: August 16, 2010



CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 17/A	UG/1	0	
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO 044		
CONTRACTOR	Engineering	/Remediation Resources		SUPERINTENDENT	.1:	ames Nores		
AM WEATHER			PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
F	oggy, Cool		Pt. Cloudy	•		63		53
Schedule				RMED TODAY				
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04	Continue 1/4 tor	n rip rap import and placement a	long the crest of the revetment	ERRG	1	Superintendent		8
		g, loading out and placing addition		ERRG	1	Construction Manager		0
		for scanning- haul one load of c		ERRG	1	Project Manager		8
	· ·	to the Tetra Tech stockpile area	ds of pea gravel/AB mix from the	ERRG ERRG	1	QC Manager Tech Lead		8
	· ·	ved word that the excavated mat		ERRG	1	H&S Officer		8
		for use by RASO- working on a		ERRG	2	QC Staff		16
		nd out 8-18-10 in the AM.		ERRG	6	Equipment Operators		41
				ERRG	5	Laborers		11
				ERRG	4	Truck Drivers		18
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		142
SAFE		WERE THERE ANY LOST TIME (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT	ORK	6496
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE .)	? YES	■ NO	TOTAL WORK HOURS FROM	Л	
(If YES attach des	ZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? UYES NO START OF CONSTRUCTION START OF CONSTRUCTION							6638
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED						VE BEEN MET.	
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water							
EQUIDMENT AAT	EDIAL DEGEN/E	TO TODAY TO DE INCODESSA	TED IN 100 (NIDIOATE COLIED					
Schedule	l	I	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER)				
Activity No.	Submittal #	# Description of Equipment/Material Received						
03	001 and 001a	24 loads of 1/4 ton rip rap						
		-						
CONSTRUCTION	AND PLANT EQ	LUIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	D SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	1	quipment Used Today (incl Make					Hours Used
Activity No.	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
	Received exit ra	ad screen for broken grapple bu	ucket- approved for demobilization	n, Tetra Tech performed	exit survey on br	oken skid steer loader and entr	ry surve	y on replacement
	<u> </u>					0/47/4	`	
				nes Nores CONTRACTOR/SUPERIN	TENDENT	8/17/10 DATE	J	

CONTRACTOR PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)					DATE 17/AUG/10		
	TITLE AND LOCATION RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF					REPORT NO 044	cont.
CONTRACTOR	Engineering	/Remediation Resource	s Group, Inc.	SUPERINTENDENT	J	ames Nores	
AM WEATHER			PM WEATHER	. \\/		MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		Pt. Cloudy			63	53
0.1.1.1			WORK PERFO	ORMED TODAY	1	1	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	<u> </u>		O LIELD THIS DATES			TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meeting)		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEET	·s
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WORK	
WAS CRANE/MAI		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT	
(If YES attach state	ement or checklis	t showing inspection performed.	l.)	YES YES	☐ NO	TOTAL WORK HOURS FROM	
						START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED SAFETY REQUIREMENTS HAVE						S HAVE BEEN MET.
Activity No.							
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mat	terial Received				
CONSTRUCTION	AND PLANT EQI	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)			Hours Used
Activity No.	ERRG	JD310 Backhoe					8
	Harris Blade	Cat 735-2ea					16
	Harris Blade	2K Water Truck					8
	United Rentals	2K Water Truck					8
	Harris Blade	Cat LGP D-6 Bulldozer					8
	United Rental	Broce broom Sweeper	tor				0 8
	Harris Blade United Rentals	Cat 325 Long Reach Excavator Light Towers (3ea)				24	
Schedule		Light Towers (Jea)					
Activity No.	REMARKS						
			Ja	mes Nores		8/17/10	
				CONTRACTOR/SUPERIN	TENDENT	DATE	



11.0

SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273	-09-D-2608
DATE 8/1	7/10 TIME	2600 PROJECT NUM	IBER 29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	Control of the Contro			
	had for	CEL B		1
TYPE OF WORK		In Ro Rape C		+ Continue
	Phoping fooding	concrete, Import /	ton R.p. RAP.	
	SAFE	TY TOPICS PRESENTED		
SAFETY TOPICS	TRAFFIC, SP	500 , ROCKS		
PROTECTIVE CLOTHIN		Hardhat, safety glasses w/side		shirt with sleeves,
long pants, s	teel-toed work boots. Glove	s and PFD (personal flotation d	evice) as necessary.	
_				
CHEMICAL HAZARDS	Potential for low level ra	diation		
			Cindina	
PHYSICAL HAZARDS	Equipment . I	ROCKET, UNITUON	SURFACUT	
EMERGENCY PROCEDU	RES Employee to	report any injury to Supervisor	: Supervisor notify SSHO	
HOSPITAL/CLINIC		A A TO A STATE OF THE STATE OF	25(ER) PARAMEDIC PHONE	911
HOSPITAL ADDRESS			-S(EII) I MIGHT I E E E I I I I I I I	
	3555 Cesar Chavez, San Fr		2.7	
SPECIAL EQUIPMENT		No.	one	
NOTE:				
		ATTENDEES		
NAME PRINTED		COMPANY	SIGNA	TURE
Bobe An An	Ileva	ERRG	all	1. 0.00
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DAJEOHAS	7	ERRG	face H	rock !
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Noon Ben	×	Tea	CONO.	
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PUSSELL CALL	SOU I	HARRISIERRE	June 5 J	yes
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	2000	5000	- O Cap	de la
William Schmift		FILLS	- wear st	eu t
Tamer Benett		ERRG	-	8-4
Liz BIAAiz		FRRG	<u> </u>	-· 11
			da	neg Ilbere
Health & Safety Officer	DICK E	SUPE	RINTENDENT	1000
SIGNATURE VI	Maren	SIGN	ATURE SEMLA	000 90



DATE	TIME	PROJECT NUMB	ER
3		ATTENDEES	
NAME PRINTED		COMPANY	SIGNATURE
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Health & Safety Officer		SUPERI	INTENDENT
SIGNATURE		SIGNAT	TURE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the I	Vavy
	10030779	Date:	8/17/10	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141	
Veather:	CLOUDY, MIST to CLEAR	Page:		of
Site Visitors:	See Tailgate Sign In Log.			
Description of Field A	Activities:			
1000	MY TAILGATE - ROCKS, DELIVERIES,	spaen,		
CONTINUEN	WITH SHORDLINE PEVETHONT			
ASSILTING	TOTTED TOCK WITH EUBBLE SCANNIN	ş		
HAULING	SCANNOD AUGBLE TO ROCYCLE			
Molling	PEA GRAVEL TO TETRA TECH			
SKID STO	TER BEOLET DOWN & NEW UNIT DELIVE	eon NNT s	CANDOD iN	TO PLA
हिस्स्टा ४ छ ऽध्यक्षा	B RIPRAP IN) BYD DUMP TRYCKS,	THES WAS	SHED & DO	WARUG SP
	ing SPOIL PILE FROM SHORETINE, DEE	PARING P	ak Towa	HERRY
INCROM	ED 3175 & RUDDLE SCANNING LAYD	OWN AREA	15.	
Equipment	USON: 3 WATON THURIS, I LONG BE	MCH , EXC	avoter,	END LONDER,
BACK	(HOE, SKID STOKE, BULLDOZER, S	WEFFER	A	
		0.1	5000	
ned:	ild g. Egg	Date:	8/17/1	0

AIR MONITORING LOG SHEET

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Prepared by:

Client:

US NIVY

Project Name:

DICIC GPP Hunter's Point Parcel B IR07/18

Project No.: 29-141

Site Location:

San Francisco, CA

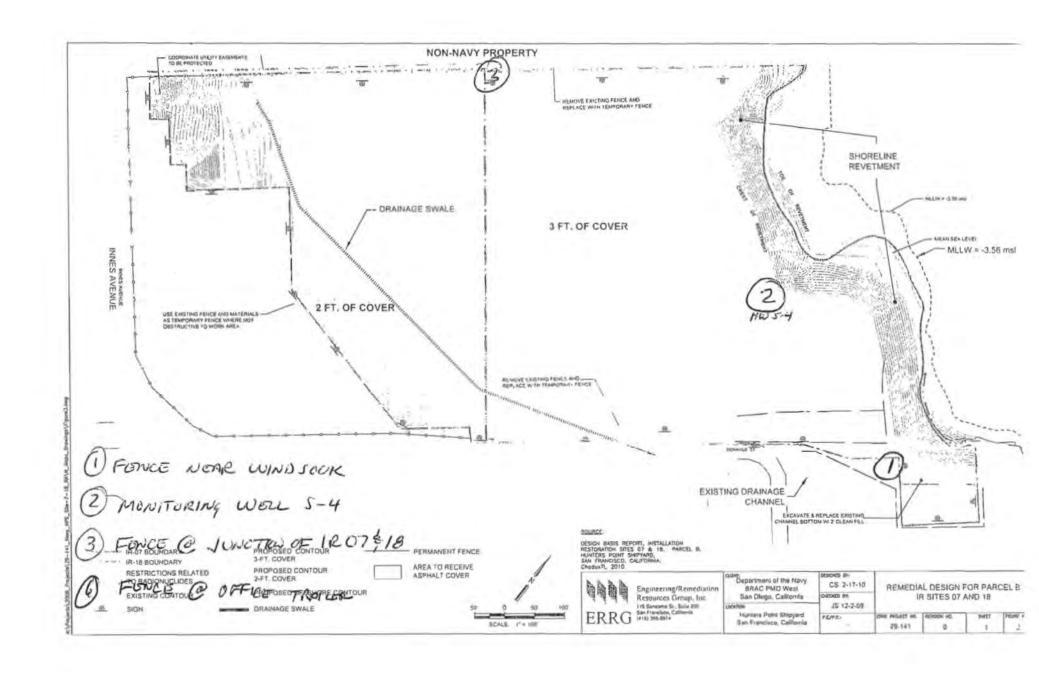
Page:

Calibration (Date and Time): 8/2/16

Standard Used:

ASR BAG

Location	Date	Time	cone in	Strument TWA DataRAM	Comments
#1	8/17/10	0610	0.010	0.010.	10971
#6	1	0613	0.000	0,000	10972
#3		0618	0.010	0.001	10973
#1		0740	0.008	0.008	10971
46		0745	0.000	0.000	10972
#L		0900	0.021	0.007	10971
#6		0910	0.000	0.000	10972
#3		0920	0.001	01000	10973
± 1		1100	0.010	0.007	10971
# 6		1105	0,000	0,000	10972
43		1120	6. Fee	0.000	10873
#6		1215	0,007	0.000	10972
#1		1230	0,000	0.006	10971
# 1		1400	0.005	0.006	10971
¥6		1405	0.000	0.000	10972
±3	1	1410	0,000	0.000	10973
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DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August 17, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Provided radiological support of debris removal activities along the shoreline. The removed debris was segregated into like materials and placed in the debris screening area. The RCT evaluated the debris for subsequent radiological screening, or determined if debris could be beneficially reused by ERRG in the shoreline revetment, or was placed in LLRW bins provided by EMS for disposal as LLRW.
- An RCT performed incoming surveys on the following equipment: 1 skidsteer (replacement for outgoing skidsteer).
- An RCT performed outgoing surveys for free release on the following equipment: 1 skidsteer.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-090 through ERRG-A-IR07-094. No activity above the release criteria was identified in these surveys.
- To date, 1728 pieces of shoreline debris have been surveyed for free release with 94 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

None.

		CONTRACTOR QUALIT			RT	REPORT	7/AUG/10 044
PHASE	CONTRACT NO	N62473-09-D-2608	CONTRACT TIT	RA at IR-	07 & -18 at Parcel B; Soil H	INO lotspot Location	s at Parcels B,
TTINGE		ATORY PHASE WORK PREFORMED TODAY?	OOM TO THE	D-1, and	G; and Soil Stockpiles at Pa	arcels D-1 and 0	B, HPS, SF
≾		JT AND ATTACH SUPPLEMENTAL PREPARATOR	Y PHASE CHECKLIST		TES NO		
PREPARATORY	Schedule Activity No.	Definable Feature of Work					Index#
RA	Activity No.						
ΞPΑ							
PR.							
		HASE WORK PREFORMED TODAY? JT AND ATTACH SUPPLEMENTAL INITIAL PHASE	CHECKLIST		YES NO		
	Schedule	Definable Feature of Work	OTILORLIST.				Index #
INITIAL	Activity No.	Definition of Calabo St Work					maox "
Z							
		ES WITH CONTRACT AS APPROVED DURING INI	TIAL PHASE?		YES	■ NO □	_
	WORK COMPL Schedule	IES WITH SAFETY REQUIREMENTS?	om Definable Feature	of Work Specific	YES	■ NO □	
	Activity No.	Description of Work, Testing Performed & By Wh Section, Location and List of Personnel Present	om, Deimable Feature	or work, Specific	auon		
	02	Continued removing deconstructed rad pa	nd material from RC	A and stockpile	d offsite by the former pickling to	ank in Parcel G, v	erified that
P		activities performed conformed to the site	_				
M	03	Installed riprap in sections DC1U and DC2 revetment, verified that activities performe				tockpiled along the	e top of the
FOLLOW-UP	04	Rad screening of large concrete debris fro				stockpiled near Bu	ilding 231,
БО		unloaded and spread spoils from shoreline				•	
		IED TODAY (NOT CORRECTED BY CLOSE OF BU	SINESS) F		CORRECTED TODAY (FROM REW	ORK ITEMS LIST)	
Sched Activity		ion		Schedule Activity No.	Description		
REMARK	S (Also Explain	ny Follow-Up Phase Checklist Item From Above Tha	t Was Answered "NO"). Manuf. Rep On-	Site. etc.		
Sched	lule Descrip			,,			
Activity	NO.						
0.1.1.1	. 64	I alicabatic and in the state of the state o					
equipmen	t and material use	I certify that this report is complete and correct and I and work performed during this reporting period is in t drawings and specifications to the best of my knowledge	E	Elizabeth B	inning		8/17/10
	noted in this repor		_		MANAGER AT SITE		DATE
OHALTS	ACCURANCE	GOVERNMENT QUALITY ASSUR			DATE		
Sched	lule Descrip	EPRESENTATIVE'S REMARKS AND/OR EXCEPTIO	INS TO THE REPORT				
Activity	No.						
			<u>- </u>	OVERNMENT O	JALITY ASSURANCE MANAGER		DATE
4296/2 (9/9	98)		~		SHEET 1	1 OF 1	··· -

Site Clearing and Demolition

Date:	8/17/2010
Inspector:	Elizabeth Binning

Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	Initial	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	Initial	X			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Demolition, Sec 1.1)?	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	Follow up	X			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	Follow up		X		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	Follow up	X			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	Follow up	X			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	Follow up	X			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
	Follow up		X		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	Follow up		X		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/17/2010

Shoreline Excavation and Revetment

8/17/2010 Date:

Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	Prep	X			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	Prep	X			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	Initial	X			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	Initial	X			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	Initial	X			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U

Requirement	Phase	Yes	No	N/A	Comments
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Has the prepared base been approved by the Contracting Officer?	Follow up			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
geotextile along the line passing through midpoints of the overlap	Follow up			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	Follow up			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	Follow up				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U

Requirement	Phase	Yes	No	N/A	Comments
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L, J11U, J12U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	Follow up	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	Follow up	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	Follow up	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	Follow up				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U, DC1U, DC2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U
Has equipment been restricted from operating directly on the completed stone protection system?	Follow up	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	Follow up				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J11L, J12L, IH1L, IH2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U
Has the riprap been placed in one layer?	Follow up			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	Follow up				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, J1L, J12L, IH1L, IH2L, J11U, J12U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	Follow up				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	Follow up				
Have surveys been performed according to the specifications?	Follow up				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	Follow up				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	Follow up				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	Follow up				
Receivables					
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			_
QC Test report		X			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/17/2010



Photo 1: Shoreline Excavation and Revetment – Measuring unmarked well discovered during shoreline excavation. Unmarked well is located between IR01MW2 and the drainage channel to the northeast of the IR07 shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, CaliforniaPhotographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 17, 2010



Photo 2: Shoreline Excavation and Revetment – Installation of riprap in sections DC1L and DC2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.)

Date: August 17, 2010



	DATE 18/AUG/10							
CONTRACT NO N62473-0	09-D-2608	TITLE AND LOCATION RA	AL SHEETS IF NECESSARY) A at IR-07 & -18 at Parcel G; and Soil Stockpiles at			REPORT NO	045	5
CONTRACTOR	Engineering	/Remediation Resource:	s Group, Inc	SUPERINTENDENT	.l:	ames Nores		
AM WEATHER _		, remediation recodules	PM WEATHER			MAX TEMP (F)	MI	N TEMP (F)
F	oggy, Cool		Pt. Cloudy			68		53
Schedule			1	RMED TODAY	1	1		
Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE		HRS
02,03,04		rip rap import and placement a	-	ERRG	1	Superintendent		9
		g, loading out and placing addition		ERRG	1	Construction Manager		0
	Ů,	for scanning- haul four loads of		ERRG	1	Project Manager		0
	· ·	t B231. Received clearance to b r use on the shoreline- load, trai		ERRG ERRG	1	QC Manager Tech Lead		8
		section. Crew continue placing		ERRG	1	H&S Officer		8
		eying in filter fabric.	ip rap at the creat of the	ERRG	2	QC Staff		12
		., <u>J</u>		ERRG	6	Equipment Operators		37
				ERRG	6	Laborers		13.5
				ERRG	5	Truck Drivers		31
				Tetra Tech	3	Rad Techs		24
JO	В	WAS A JOB SAFETY MEETING (If YES attach copy of the meeti		YES	□ NO	TOTAL WORK HOURS ON JO SITE, THIS DATE, INCL CON'T SHE		142.5
SAFE		WERE THERE ANY LOST TIM (If YES attach copy of complete		YES	■ NO	CUMULATIVE TOTAL OF WO HOURS FROM PREVIOUS REPORT		6638
		NG/SCAFFOLD/HV ELEC/HIGH t showing inspection performed.	WORK/ HAZMAT WORK DONE)	? YES	■ NO	TOTAL WORK HOURS FROM	1	0=00=
(If YES attach des		ASTE RELEASED INTO THE ENtransition transfer in the state of the state	IVIRONMENT?	YES	■ NO	START OF CONSTRUCTION		6780.5
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTED)		SAFETY REQUIREMENT	NTS HA	VE BEEN MET.
02,03,04	Tailgate safety b	priefing, equipment inspections,	crew members required to don P	DF's within 50' of the water	r			
EQUIDMENT AAT	EDIAL DEGEN/E	D TODAY TO DE INCORDORA	TED IN IOD (NIDIOATE OOUED					
Schedule	l	T	TED IN JOB (INDICATE SCHED	ULE ACTIVITY NUMBER;)			
Activity No.	Submittal #	Description of Equipment/Mat	erial Received					
03	001 and 001a	31 loads of 1/4 ton rip rap						
CONSTRUCTION	AND PLANT EQ	LUIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	D SCHEDULE ACTIVITY	NUMBER.			
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	and Model)				Hours Used
	Harris Blade	4K water truck						8
	ERRG	JD 200CLC Excavator						8
	Harris Blade	Cat 950 Loader						8
	United Rentals	25 KW Generators- 2ea						48
	Rental Solutions	25KW Generator-1ea						12
	SCS Tracer	Air Monitoring Skids- 2skids						48
	Harris Blade	Cat 322 Long Reach						8
	United Rentals	Takehuchi skidsteer loader						8
Schedule Activity No.	REMARKS							
			lor	nes Nores		8/18/10	<u> </u>	
				CONTRACTOR/SUPERIN	TENDENT	DATE	,	

	CC	DATE 18/AUG/10					
	09-D-2608	TITLE AND LOCATION RA	IAL SHEETS IF NECESSARY) A at IR-07 & -18 at Parce G; and Soil Stockpiles a	REPORT NO 045	cont.		
CONTRACTOR	Engineering	/Remediation Resource	s Group, Inc.	SUPERINTENDENT	J	ames Nores	
AM WEATHER			PM WEATHER	. \\/		MAX TEMP (F)	MIN TEMP (F)
F	oggy, Cool		Pt. Cloudy			68	53
0.1.1.1			WORK PERFO	ORMED TODAY	1	1	
Schedule Activity No.		WORK LOCATION AND DE	SCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
							+
			O LIELD THIS DATES			TOTAL WORK HOURS ON JOB	
JO		WAS A JOB SAFETY MEETING (If YES attach copy of the meet		YES	☐ NO	SITE, THIS DATE, INCL CON'T SHEET	s
SAFE		WERE THERE ANY LOST TIM		YES	□ NO	CUMULATIVE TOTAL OF WORK	
WAS CRANE/MAI		(If YES attach copy of complete	ed OSHA report) I WORK/ HAZMAT WORK DONE			HOURS FROM PREVIOUS REPORT	
(If YES attach state	ement or checklis	t showing inspection performed	l.)	YES YES	☐ NO	TOTAL WORK HOURS FROM	
		STE RELEASED INTO THE Elt and proposed action.)	NVIRONMENT?	YES	☐ NO	START OF CONSTRUCTION	
Schedule Activity No.	LIST SAFETY A	CTIONS TAKEN TODAY/SAFE	TY INSPECTIONS CONDUCTE	D		SAFETY REQUIREMENTS	HAVE BEEN MET.
Activity 140.							
	ERIAL RECEIVE	D TODAY TO BE INCORPORA	ATED IN JOB (INDICATE SCHE	DULE ACTIVITY NUMBER)			
Schedule Activity No.	Submittal #	Description of Equipment/Mar	terial Received				
CONSTRUCTION	AND PLANT EQ	JIPMENT ON JOB SITE TODA	Y. INDICATE HOURS USED AN	ND SCHEDULE ACTIVITY	NUMBER.		
Schedule Activity No.	Owner	Description of Construction E	quipment Used Today (incl Make	e and Model)			Hours Used
Activity No.	ERRG	JD310 Backhoe					8
	Harris Blade	Cat 735-2ea					16
	Harris Blade	2K Water Truck					8
	United Rentals	2K Water Truck					8
	Harris Blade	Cat LGP D-6 Bulldozer					8
	United Rental	Broce broom Sweeper	tor				8
	Harris Blade United Rentals	Cat 325 Long Reach Excava Light Towers (3ea)	lioi				24
Schedule	REMARKS	Light Towers (Jea)					
Activity No.	KLWAKKS						
						- 1 1	
			Ja	mes Nores		8/18/10	
				CONTRACTOR/SUPERIN	TENDENT	DATE	



SITE LOCATION:	Hunters Point Shipyard	CONTRACT #	N64273-09-I	D-2608
DATE 8/18	10 TIME 00	OO PROJECT NUMB	ER 29 - 141	
CLIENT	Department of the Navy			
SPECIFIC LOCATION	IR-07, PARCE	LB		
TYPE OF WORK			and out concrete	and Real
THE OF HOLK	Captinge Reversion	work on crest, he	ond our soncrere	mport ripli
		TOPICS PRESENTED		
SAFETY TOPICS			rivarios, Rolling Roc	
PROTECTIVE CLOTHING	G/EQUIPMENT Hard teel-toed work boots. Gloves an		nields, reflective safety vest, shirt	with sleeves,
long policy s	del toed work boots. Gloves an	d FFD (personal hotation dev	ice as necessary.	
CHEMICAL HAZARDS	Potential for low level radiati	on		
PHYSICAL HAZARDS	EQUIPMONT, UNE	VIN SURFERCET, 20	cks	
		/ .		
EMERGENCY PROCEDU	RES Employee to repr	ort any injury to Supervisor; S	Supervisor notify SSHO	
HOSPITAL/CLINIC	St. Lukes Hospital PHO	ONE 911/ 415-641-6625(ER) PARAMEDIC PHONE	911
HOSPITAL ADDRESS	3555 Cesar Chavez, San Francis	sco, CA 941124		
SPECIAL EQUIPMENT		None	2	,
			1	
NOTE:				
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Scott Ward	m/h	4115/EKKG	mountain	
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Villahan Lo	1147	EURE	O Cronge	
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Boris Tonalle		ERRG	Tom T. Pan	54
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SMANN		BINDA		
Health & Safety Officer	DICK EPP	SUPERI	NTENDENT SAMES	Nores
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SIGNATURE	11/mp	SIGNAT	URE JAMES (1)	MA
1/	/ / /		ELECTRONIC STREET	



DATE	TIME PROJECT NUMBER	- 0	
	ATTENDEES		
NAME PRINTED JASUTATURA STANGA AMBRITS INGH BALAN SHAFT AMINIST RANGA MATERIA LANGA MATERIA RANGA MATERI	ATTENDES COMPANY ALAWAK TAL LIDES TYM GITC AJ TRIK SAHOHA TAIK BLADA DOABA CLADA J.R FERCE AUT / THEC	SIGNATURE OF THE PARTY OF THE P	
Usalikh & Safahi Office	CHAPTANT	ENDENT	
Health & Safety Officer	SUPERINT	ENDENT	
SIGNATURE	SIGNATUR	SIGNATURE	

DAILY FIELD ACTIVITY LOG

Prepared by: RGDay:	Richard Epp			avv
and the same of th	WEDNESDAY	_Client: Date:	Plific	
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots			
Neather:	CLEVRY, CLEARING	Page:	1	of
Site Visitors:	See Tailgate Sign In Log.			
Description of Field				
	SPEED, HAULING RUBBLE - A WIT OF THE	,	ECETVING PI	PRAP, POLLING
Paumoo	L POWCE INTRICT.			
Communic	SHERELINE REVETHENT			
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Pacorvin	& RIP AM IN OND DUMPS, WASHING TO	ieus, swee	THE DOWNE	IUG ST.
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AIR MONITORING LOG SHEET

ERRG

Prepared by: Project Name:

Hunter's Point Parcel B IR07/18

Site Location:

San Francisco, CA

Calibration (Date and Time):

8/2/10

Client:

Project No.:

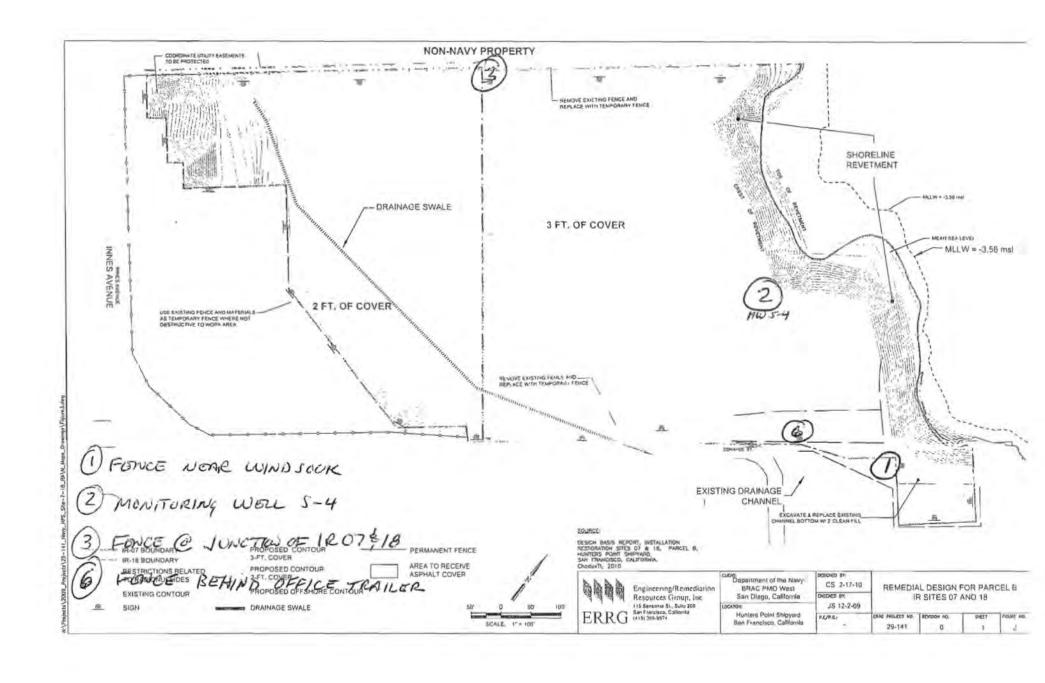
29-141

Page:

Standard Used:

MR BAS

Location	Date	Time	COME Ins	-DataRAM	Commer	d B
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#6	7 (1	0620	0,000	0,000	10972	63.7
#3		0642	0-000	0-003	10973	61.1
#6		0728	0.000	0.000	10972	75.7
#1		6 730	0.007	0.014	10971	68.
# 3		0913	0.000	0.000	10973	63.
41	man land	0924	0.011	0.011	10971	63.
±6		0925	0.007	6.000	16972	70.
#6		1048	0.000	0.002	10972	63.
#1		1050	0.018	0.017	10971	65.
#3		1056	0.000	0.000	10973	62.
#6		1210	0.000	0.600	10972	10.
#1		1212	0.016	0.021	10971	63.
#3		1220	6.000	0.000	10973	61.
#3		1310	6.000	0,000	16973	61.
#6		1411	6.056	0.026	10972	65.
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DAILY STATUS REPORT IR-07 Remedial Action

Report Date: August 18, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the ERRG field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-097 through ERRG-A-IR07-100). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-095 and ERRG-A-IR07-096. For these surveys, the following had activity above the release criteria and will be disposed of as LLRW.

Item NumberLLRW Bin #ERRG-A-IR07-095-028to be designatedERRG-A-IR07-096-016to be designated

- To date, 1800 pieces of shoreline debris have been surveyed for free release with 96 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Based on results of the towed-array survey of Screening Unit 1, two debris removal boundaries have been marked for brick removal.